

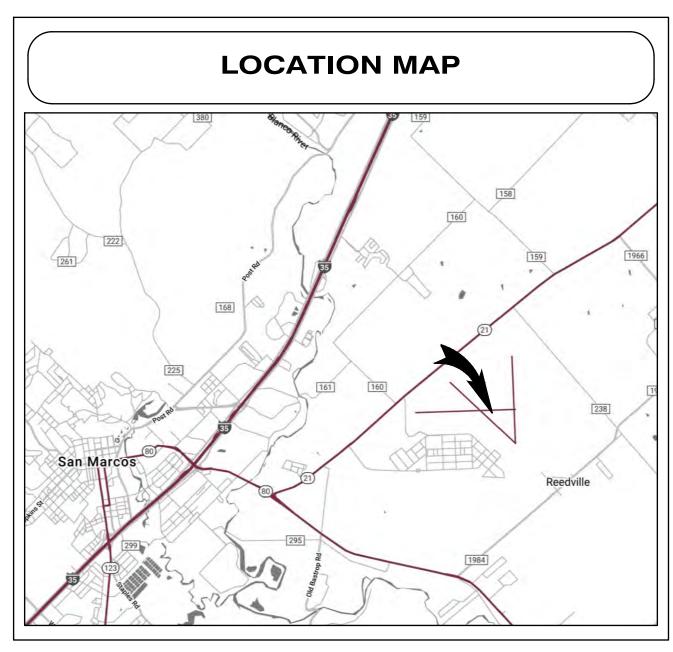


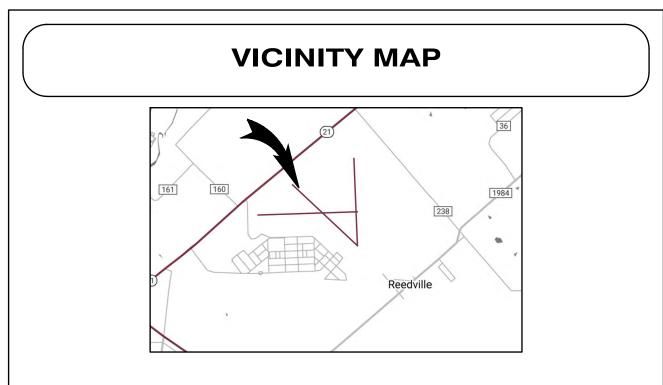
## Airport Layout Plan San Marcos Regional Airport

San Marcos, Texas

DECEMBER, 2020







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DATE

DESCRIPTION

BY

AIRPORT SPONSOR BLOCK CURRENT AND FUTURE DEVELOPMENT DEPICTED ON THIS ALP IS Project Engineer 2/23/2021

THROUGH A PLANNING GRANT FROM THE FEDERAL AVIATION AND AIRWAY IMPROVEMENT ACT OF 1982, AS AMENDED. THE CONTE DO NOT NECESSARILY REFLECT THE OFFICIAL VIEWS OR POLICY OF THI FAA. ACCEPTANCE OF THESE DOCUMENTS BY THE FAA DOES NOT IN AN

WAY CONSTITUTE A COMMITMENT ON THE PART OF THE UNITED S O PARTICIPATE IN ANY DEVELOPMENT DEPICTED HEREIN NOR DOES IT INDICATE THAT THE PROPOSED DEVELOPMENT IS ENVIRONMENTALI ACCEPTABLE IN ACCORDANCE WITH APPROPRIATE PUBLIC LAWS.

> TxDOT APPROVAL BLOCK Director, Aviation Division

2/22/2021

RUNWAY DATA												
ITEM	EXI	STING	EXIS	TING	NG EXISTING		ULTIMATE		ULTIMATE		ULTIMATE	
II LIVI	8	26	13	31	17	35	8	26	13	31	17	35
APPROACH TYPE	NON-PRECISION	NON-PRECISION	PRECISION	NON-PRECISION	NON-PRECISION	NON-PRECISION	DECOMMISIONED	DECOMMISIONED	PRECISION	NON-PRECISION	NON-PRECISION	NON-PRECISION
PART 77 APPROACH SURFACES	(34:1)	(34:1)	(50:1)	(34:1)	(34:1)	(34:1)	DECOMMISIONED	DECOMMISIONED	(50:1)	(34:1)	(34:1)	(34:1)
APPROACH VISIBILITY MINIMUMS	1-MILE	3/4 MILE	1/2 MILE	3/4 MILE	1 1/8 MILE	3/4 MILE	DECOMMISIONED	DECOMMISIONED	1/2 MILE	3/4 MILE	3/4 MILE	3/4 MILE
AERONAUTICAL SURVEY TYPE	VGS	VGS	VGS	VGS	VGS	VGS	DECOMMISIONED	DECOMMISIONED	VGS	VGS	VGS	VGS
DEPARTURE SURFACE	(40:1)	(40:1)	(40:1)	(40:1)	(40:1)	(40:1)	DECOMMISIONED	DECOMMISIONED	(40:1)	(40:1)	(40:1)	(40:1)
PRECISION OBSTACLE FREE ZONE	NONE	NONE	200' x 800'	NONE	NONE	NONE	DECOMMISIONED	DECOMMISIONED	200' x 800'	NONE	NONE	NONE
RUNWAY OBJECT FREE AREA	500' (W) x 300' (L)	500' (W) x 300' (L)	800' (W) x 1,000' (L)	800' (W) x 1,000' (L)	500' (W) x 300' (L)	500' (W) x 300' (L)	DECOMMISIONED	DECOMMISIONED	800' (W) x 1,000' (L)			
RUNWAY PROTECTION ZONE	500' X 1,000' X 700'	1,000' X 1,700' X 1,510'	1,000' X 2,500' X 1,750'	1,000' X 1,700' X 1,510'	500' X 1,000' X 700'	1,000' X 1,700' X 1,510'	DECOMMISIONED	DECOMMISIONED	1,000' X 2,500' X 1,750'	1,000' X 1,700' X 1,510'	1,000' X 1,700' X 1,510'	1,000' X 1,700' X 1,510'
OBSTACLE FREE ZONE*	400' (W) x 200' (L)	400' (W) x 200' (L)	400' (W) x 200' (L)	400' (W) x 200' (L)	400' (W) x 200' (L)	400' (W) x 200' (L)	DECOMMISIONED	DECOMMISIONED	400' (W) x 200' (L)			
THRESHOLD SITTING SURFACE	TYPE 4 (20:1)	TYPE 4 (20:1)	TYPE 5 (34:1)	TYPE 4 (20:1)	TYPE 4 (20:1)	TYPE 4 (20:1)	DECOMMISIONED	DECOMMISIONED	TYPE 5 (34:1)	TYPE 4 (20:1)	TYPE 4 (20:1)	TYPE 4 (20:1)
VISUAL APPROACH AIDS	REILS	REILS	MALSR/P2L	P2L	P2L	N/A	DECOMMISIONED	DECOMMISIONED	MALSR/P2L	P2L	P2L	P2L
INSTRUMENT APPROACH AIDS	RNAV/GPS	RNAV/GPS	ILS	RNAV/GPS	RNAV/GPS	RNAV/GPS	DECOMMISIONED	DECOMMISIONED	ILS	RNAV/GPS	RNAV/GPS	RNAV/GPS
TOUCHDOWN ZONE ELEVATION	587.1'	583.0'	594.8'	583.08'	594.7'	582.9'	DECOMMISIONED	DECOMMISIONED	SAME	583.9'	596.5'	581.4'
% WIND COVERAGE	50.82% 13 kts	40.88% 13 kts	63.99% 16 kts	57.28% 16 kts	64.71% 13 kts	64.47% 13 kts	DECOMMISIONED	DECOMMISIONED	SAME	SAME	64.99% 16 kts	64.79% 16 kts

\*NOTE: THE OBSTACLE FREE ZONE DIMENSIONS SHOWN IN THE TABLE ARE THE RUNWAY OBSTACLE FREE ZONE DIMENSIONS FOR EACH RUNWAY. RUNWAY 13 ALSO HAS AN INNER APPROACH OBSTACLE FREE ZONE THAT BEGINS 200 FT FROM THE RUNWAY 13 THRESHOLD AND EXTENDS TO 200 FT BEYOND THE LAST LIGHT UNIT OF THE MALSR SYSTEM FOR THE RUNWAY. THE INNER APPROACH OBSTACLE FREE ZONE RISES AT A 50:1 SLOPE. RUNWAY 13 ALSO HAS AN INNER TRANSITIONAL OBSTACLE FREE ZONE AND INNER APPROACH OBSTACLE FREE ZONE AND INNER TRANSITIONAL OBSTACLE FREE ZONE AND INNER APPROACH OBSTACLE FREE ZONE AND INNER APPROACH OBSTACLE FREE ZONE AND INNER APPROACH OBSTACLE FREE ZONE AND INNER TRANSITIONAL OBSTACLE FREE ZONE AND INNER APPROACH OBSTACL RISES VERTICALLY TO A HEIGHT OF 51.69 FT AND THEN SLOPES OUTWARD AT A 6:1 SLOPE UNTIL IT REACHES THE HORIZONTAL SURFACE 150 FT ABOVE FIELD ELEVATION. TDZE REPRESENTS THE HIGHEST ELEVATION WITHIN THE FIRST 3000' FROM A RUNWAY END. ALL RUNWAY END AND TOUCHDOWN ZONE ELEVATIONS ARE BASED ON SURVEY DATA PROVIDED BY TXDOT AVIATION AS PART OF THIS PROJECT. GARVER PERFORMED NO AERONAUTICAL OR GROUND SURVEYS AS PART OF THIS PROJECT.

RUNWAY DATA									
ITEM	RUNWAY	8-26	RUNWA	AY 13-31	RUNWAY 17-35				
	EXISTING	ULTIMATE	EXISTING	ULTIMATE	EXISTING	ULTIMATE			
RUNWAY DESIGN CODE (RDC)	B-II-4000	DECOMMISIONED	C-II-2400	C-III-2400	B-II-4000	C-III-4000			
APPROACH REFERENCE CODE (APRC)	D/VI/4000	DECOMMISIONED	D/VI/2400	SAME	D/VI/4000	D/V/4000			
DEPARTURE REFERENCE CODE (DPRC)	D/VI	DECOMMISIONED	D/VI	SAME	D/VI	D/V			
PAVEMENT STRENGTH*	38.5 SW 56.5 DW 106 DT	DECOMMISIONED	23 SW	175 DW	28 SW 43.5 DW	175 DW			
PAVEMENT CLASSIFICATION NUMBER	N/A	DECOMMISIONED	N/A	N/A	N/A	N/A			
SURFACE TREATMENT	N/A	DECOMMISIONED	N/A	N/A	N/A	N/A			
PAVEMENT TYPE / MATERIAL	ASPH	DECOMMISIONED	ASPH	ASPH	ASPH	ASPH			
EFFECTIVE RUNWAY GRADIENT %	0.15%	DECOMMISIONED	0.36%	SAME	0.38%	SAME			
RUNWAY WIDTH AND LENGTH	100' x 6,330'	DECOMMISIONED	100' x 5,601'	150' x 5,151'	100' x 5,214'	150' x 6,314'			
RUNWAY SAFETY AREA	150' (W) x 300' (L)	DECOMMISIONED	500' (W) x 1,000' (L)	500' (W) x 1,000' (L)	150' (W) x 300' (L)	500' (W) x 1,000' (L)			
RUNWAY LIGHTING	MIRL	DECOMMISIONED	MIRL	HIRL	MIRL	SAME			
RUNWAY MARKING	NPI	DECOMMISIONED	PIR	SAME	NPI	SAME			

\*NOTE: EXISTING PAVEMENT STRENGTH NUMBERS SHOWN ABOVE ARE FROM A MEMO FROM FUGRO USA LAND, INC. TO KSA ENGINEERS, INC. DATED FEBRUARY 7, 2019 DISCUSSING THE STRUCTURAL CAPACITY OF THE RUNWAYS. FURGO USA LAND, INC. PERFORMED A PAVEMENT STRUCTURAL CAPACITY EVALUATION FOR THE AIRPORT IN 2015. THE PAVEMENT STRENGTH FIGURES SHOWN IN THE REPORT DIFFER FROM THE FIGURES PREVIOUS SHOWN IN THE CURRENT FAA FORM 5010 AND ON THE PREVIOUS AIRPORT LAYOUT PLAN. GARVER DID NOT COMPLETE ANY PAVEMENT STRENGTH EVALUATION WORK AS PART OF THIS MASTER PLAN.

RUNWAY END	EXISTIN	NG COORDINATES	EXISTING ELEVATION	ULTIN	1ATE COORDINATES	ULTIMATE ELEVATION	
RWY 08	LAT.	29° 53' 30.50" N	587.1'	LAT.	DECOMMISSIONED	NI/A	
KWY Uo	LONG.	97° 52' 37.50" W	J0/.1	LONG.	DECOMMISSIONED	N/A	
RWY 26	LAT.	29° 53' 32.85" N	580.0'	LAT.	DECOMMISSIONED	N/A	
RVVY 20	LONG.	97° 51' 25.64" W	580.0	LONG.	DECOMMISSIONED	IN/A	
DV4/V/ 1.2	LAT.	29° 53′ 49.31″ N	E04 0!	LAT.	SAME	SAME	
RWY 13	LONG.	97° 52' 12.08" W	594.8'	LONG.	SAME	SAIVIE	
D\A/\/ 21	LAT.	29° 53′ 11.58″ N	E72 2'	LAT.	29° 53′ 14.61″ N	F72.21	
RWY 31	LONG.	97° 51' 25.45" W	572.3'	LONG.	97° 51' 29.20" W	573.3'	
D\A/\/ 1.7	LAT.	29° 54' 06.07" N	E02 7'	LAT.	29° 54' 11.02" N	E06 E!	
RWY 17	LONG.	97° 51' 27.90" W	593.7'	LONG.	97° 51' 28.11" W	596.5'	
D\A/\/ 2F	LAT.	29° 53′ 14.50″ N	[72 2 <sup>1</sup>	LAT.	29° 53' 08.56" N	F71 2 <sup>1</sup>	
RWY 35	LONG.	97° 51' 25.70" W	573.2'	LONG.	97° 51' 25.45" W	571.3'	

RUNWAY DATA									
DECLARED DISTANCES									
ITEM	RUNWAY 08	RUNWAY 26	RUNWAY 13	RUNWAY 31	RUNWAY 17	RUNWAY 35			
ITEM	EXISTING	EXISTING	EXISTING	EXISTING	EXISTING	EXISTING			
TAKEOFF RUN AVAILABLE (TORA)	6330'	6330'	5601'	5601'	5214'	5214'			
TAKEOFF DISTANCE AVAILABLE (TODA)	6330'	6330'	5601'	5601'	5214'	5214'			
ACCELERATE-STOP DISTANCE AVAILABLE (ASDA)	6330'	6330'	5601'	5601'	5214'	5214'			
LANDING DISTANCE AVAILABLE (LDA)	6330'	6330'	5601'	5601'	5214'	5214'			
ITEM	RUNWAY 08	RUNWAY 26	RUNWAY 13	RUNWAY 31	RUNWAY 17	RUNWAY 35			
ITEIVI	ULTIMATE	ULTIMATE	ULTIMATE	ULTIMATE	ULTIMATE	ULTIMATE			
TAKEOFF RUN AVAILABLE (TORA)	DECOMMISIONED	DECOMMISIONED	5151'	5151'	6314'	6314'			
TAKEOFF DISTANCE AVAILABLE (TODA)	DECOMMISIONED	DECOMMISIONED	5151'	5151'	6314'	6314'			
ACCELERATE-STOP DISTANCE AVAILABLE (ASDA)	DECOMMISIONED	DECOMMISIONED	5151'	5151'	6314'	6314'			
LANDING DISTANCE AVAILABLE (LDA)	DECOMMISIONED	DECOMMISIONED	5151'	5151'	6314'	6314'			

GENERAL NOTES: 1. ALL COORDINATES AND ELEVATIONS HORIZONTAL NAD83, VERTICAL NAVD 88.

AIRPORT DATA							
ITEM	EXISTING	ULTIMATE					
AIRPORT REFERENCE CODE	C-II	C-III					
MEAN MAX, TEMP, HOTTEST MONTH	97°F	SAME					
AIRPORT ELEVATION (AMSL)	594.7'	596.5'					
NAVIGATION AIDS	PAPI, ILS, GPS, BEACON	SAME					
AIRPORT REFERENCE POINT (ARP)	29° 53′ 33.9″ N	29° 53' 27.80" N					
AIRPORT REFERENCE POINT (ARP)	97° 51′ 46.8″ W	97° 51' 37.50" W					
MISC. FACILITIES	AWOS-3PT, TAXIWAY EDGE LIGHTS, LIGHTED WINDCONE W/ SEGMENTED CIRCLE	SAME					
CRITICAL AIRCRAFT	C-II (CHALLENGE 650)	C-III (BOMBARDIER Q400)					
NPIAS SERVICE LEVEL/STATE EQUIVILENT ROLE	GA-NATIONAL/RELIEVER	SAME					
MAGNETIC VARIATION	3° 41' E ± 0° 21'	CHANGING BY 0° 7' W PER YEAR					
NOTE: MAGNETIC VARIATION INFORMATION OBTAINED ON 4/2019 USING THE NOAA NATIONAL							

CENTERS FOR ENVIRONMENTAL INFORMATION - MAGNETIC DECLINATION ESTIMATED VALUE

CALCULATOR.

**MODIFICATION TO STANDARD** 

NONE REQUIRED

THE PREPARATION OF THESE DOCUMENTS WAS FINANCED IN PART THROUGH A PLANNING GRANT FROM THE FEDERAL AVIATION ADMINISTRATION AS PROVIDED UNDER SECTION 505 OF THE AIRPORT AND AIRWAY IMPROVEMENT ACT OF 1982, AS AMENDED. THE CONTEN DO NOT NECESSARILY REFLECT THE OFFICIAL VIEWS OR POLICY OF THE FAA. ACCEPTANCE OF THESE DOCUMENTS BY THE FAA DOES NOT IN AN WAY CONSTITUTE A COMMITMENT ON THE PART OF THE UNITED STAT TO PARTICIPATE IN ANY DEVELOPMENT DEPICTED HEREIN NOR DOES IT INDICATE THAT THE PROPOSED DEVELOPMENT IS ENVIRONMENTALLY ACCEPTABLE IN ACCORDANCE WITH APPROPRIATE PUBLIC LAWS.

## AIRPORT SPONSOR BLOCK

CURRENT AND FUTURE DEVELOPMENT DEPICTED ON THIS ALP IS APPROVED AND SUPPORTED BY AIRPORT SPONSOR Project Engineer

2/23/2021

TxDOT APPROVAL BLOCK

Director, Aviation Division

2/22/2021

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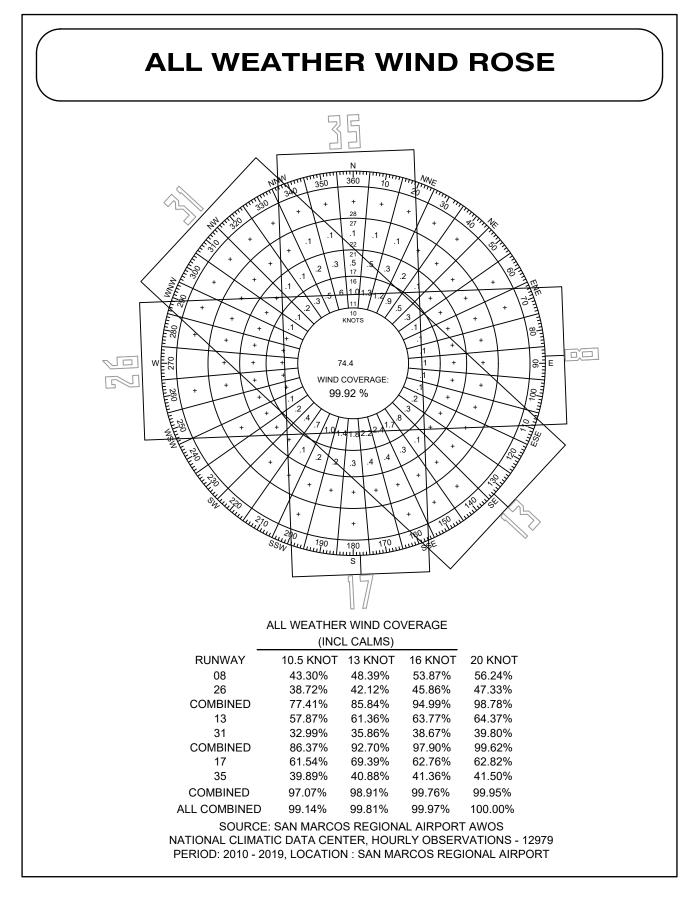
AIRPORT DATA SHEET

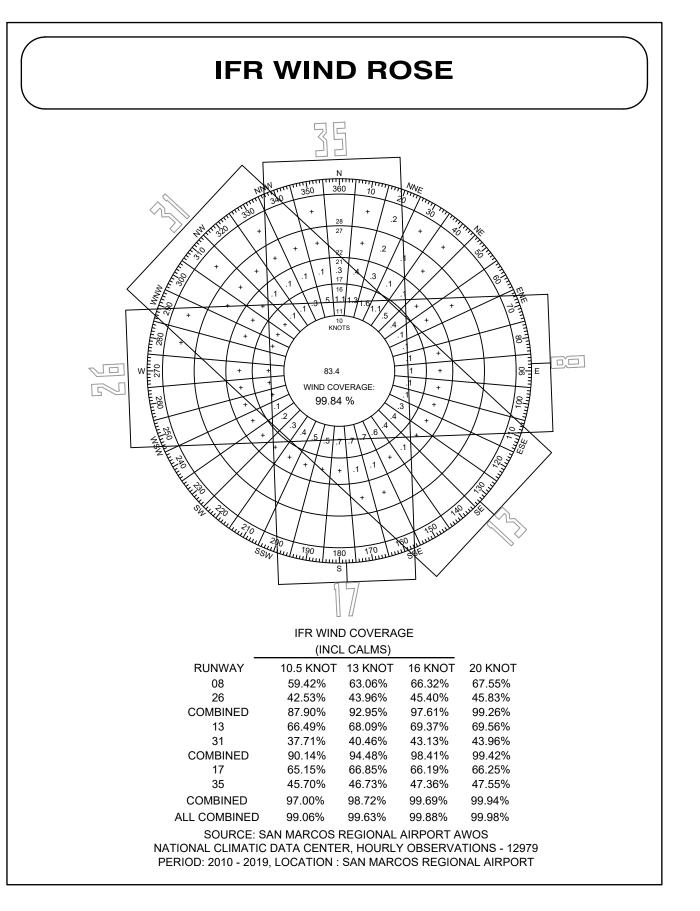
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TAXIWAY DATA												
NAME			EXIST	ING					ULTI	MATE		
IVAIVIE	TDG	WIDTH	SHOULDER	TESM	TSA	OFA	TDG	WIDTH	SHOULDER	TESM	TSA	OFA
A (ramp area)	3	75	-	10	79	131	5	75	30	15	118	186
A (approach of RWY 8)	3	50	-	10	79	131	5	75	30	15	118	186
В	2	40	-	7.5	79	131	5	75	30	15	118	186
C (north of TWY A)	2	42	-	7.5	79	131	5	75	30	15	118	186
C (south of TWY A)	3	50	-	10	79	131	5	75	30	15	118	186
E	2	42	-	7.5	79	131	5	75	30	15	118	186
F	3	50	-	10	79	131	5	75	30	15	118	186
J	3	50	-	10	79	131	5	75	30	15	118	186
K	2	35	-	7.5	79	131	5	75	30	15	118	186
D	N/A	N/A	N/A	N/A	N/A	N/A	5	75	30	15	118	186
Н	N/A	N/A	N/A	N/A	N/A	N/A	5	75	30	15	118	186
G	N/A	N/A	N/A	N/A	N/A	N/A	5	75	30	15	118	186
L	N/A	N/A	N/A	N/A	N/A	N/A	5	75	30	15	118	186
М	N/A	N/A	N/A	N/A	N/A	N/A	5	75	30	15	118	186
N	N/A	N/A	N/A	N/A	N/A	N/A	5	75	30	15	118	186
Р	N/A	N/A	N/A	N/A	N/A	N/A	5	75	30	15	118	186
P1	N/A	N/A	N/A	N/A	N/A	N/A	5	75	30	15	118	186
P2	N/A	N/A	N/A	N/A	N/A	N/A	5	75	30	15	118	186
P3	N/A	N/A	N/A	N/A	N/A	N/A	5	75	30	15	118	186
P4	N/A	N/A	N/A	N/A	N/A	N/A	5	75	30	15	118	186
NOTE: DISTANCE FR	OM TAXIWA	Y TO FIXED C		BJECT IS 65.5 EDGE LIGHTS					AXIWAYS EQU	IPPED WITH N	MEDIUM INT	ENSITY

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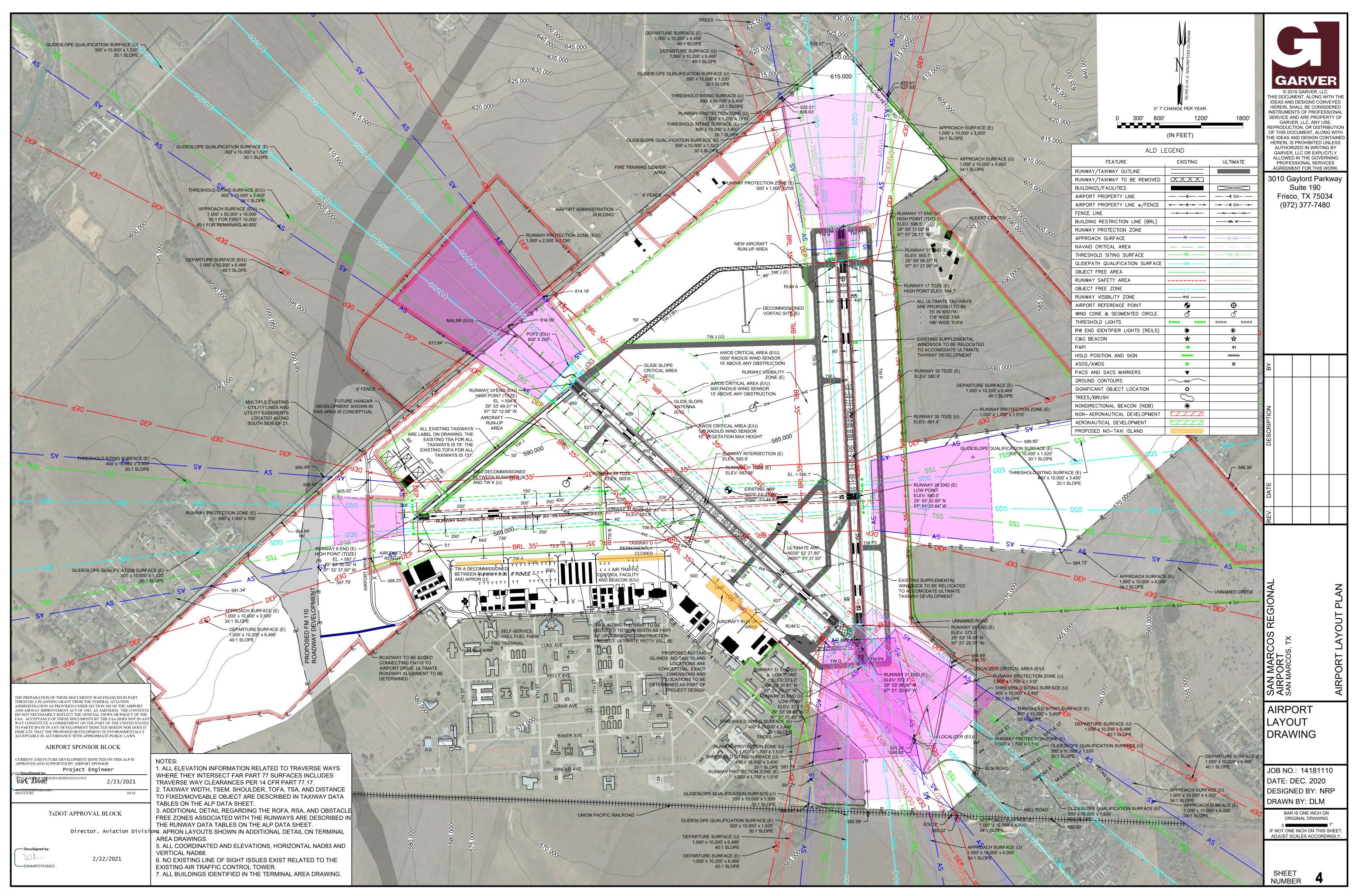
AIRPORT DATA SHEET

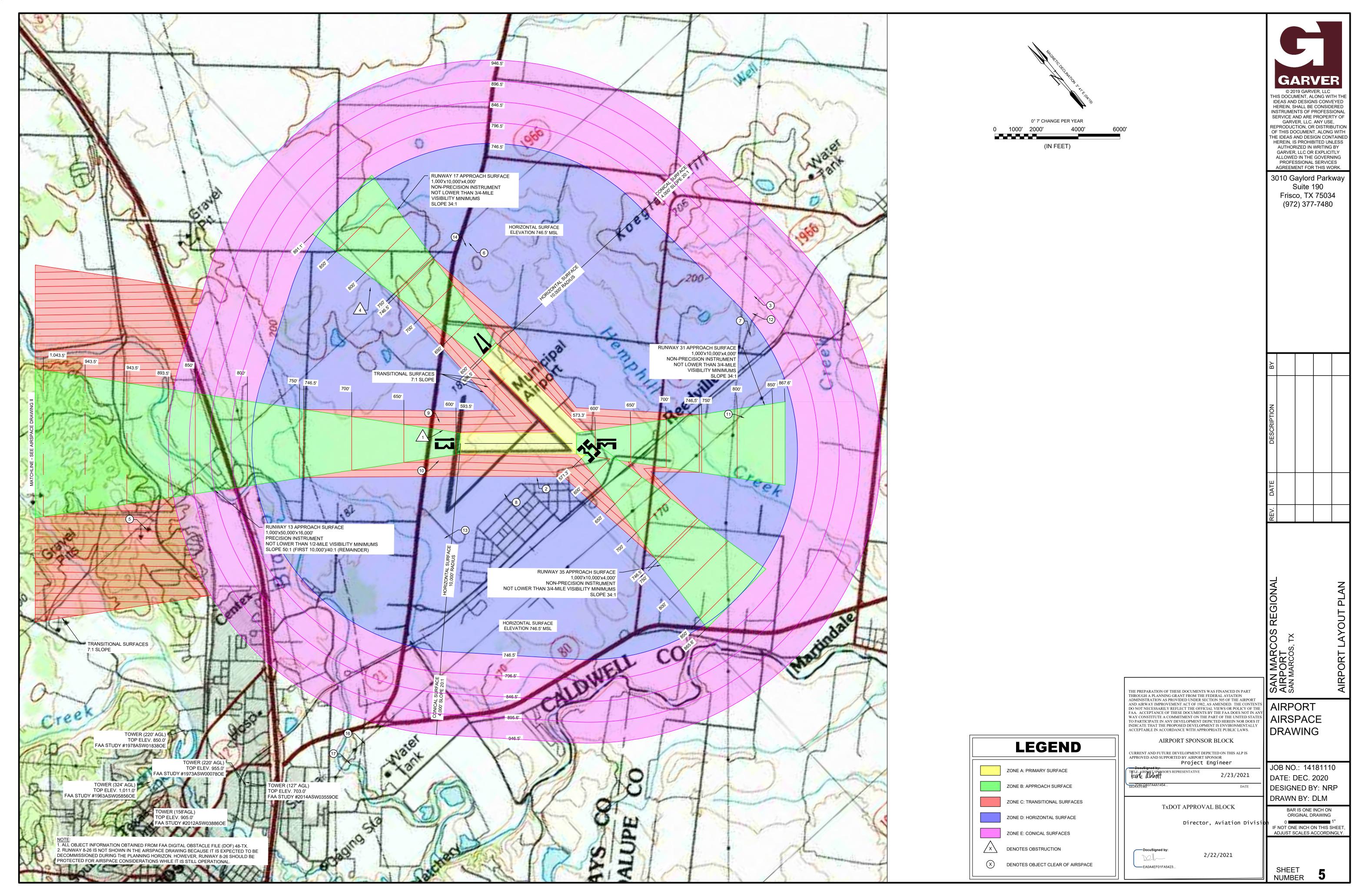
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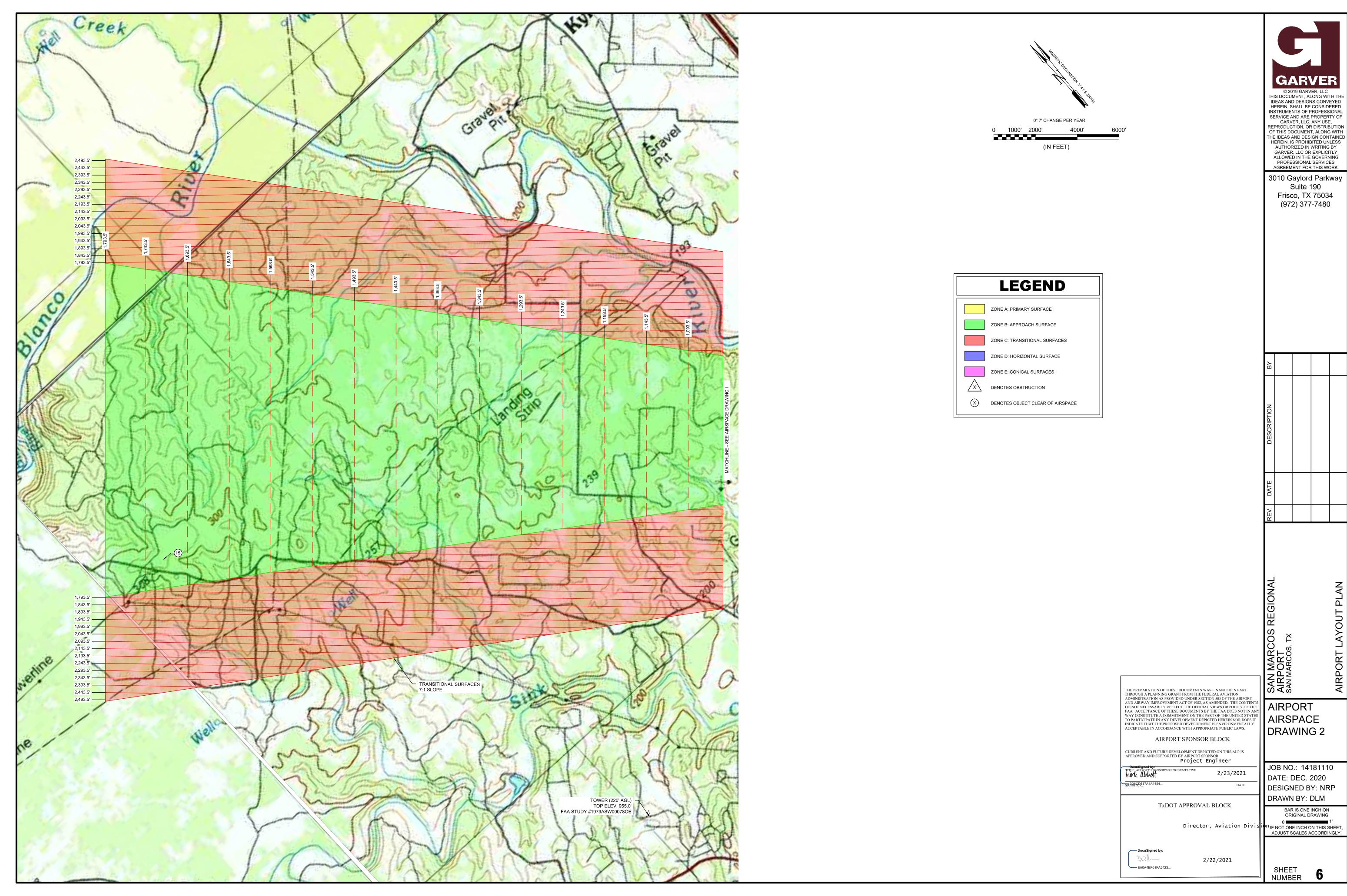
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3







AIRSPACE DRAWING TABLES									
OBJECTS PENETRATING FAR PART 77 SURFACES									
NO.	DESCRIPTION	LATITUDE	LONGITUDE	TOP ELEVATION	PENETRATION IN FEET	OBSTRUCTION REMEDIATION	FAA STUDY NUMBER		
1	POLE	29°54'01.00" N	97°52'16.00" W	621.0'	10.4'	OBSTRUCTION LIGHTING	N/A		
4	TANK	29°55'14.00" N	97°51'52.00" W	763.0'	18.3'	OBSTRUCTION LIGHTING	N/A		
BJECTS CLEAR OF FAR PART 77 SURFACES									
NO.	DESCRIPTION	LATITUDE	LONGITUDE	TOP ELEVATION	CLEARANCE IN FEET	SURFACE CLEARED	FAA STUDY NUMBEF		
2	TANK	29°53'14.00" N	97°51'56.00" W	673.0'	71.7'	HORIZONTAL	N/A		
3	T-L TWR	29°53'07.00" N	97°49'22.00" W	759.0'	22.0'	CONICAL	N/A		
5	TOWER	29°55'02.00" N	97°54'51.00" W	880.0'	254.5'	TRANSITIONAL	N/A		
6	POLE	29°54'57.60" N	97°50'56.10" W	679.0'	65.7'	HORIZONTAL	2011ASW04379OE		
7	T-L TWR	29°52'54.68" N	97°49'38.02" W	709.0'	35.7'	HORIZONTAL	N/A		
8	TOWER	29°53'18.93" N	97°52'14.93" W	653.0'	38.4'	TRANSITIONAL	N/A		
9	POLE	29°54'04.90" N	97°52'14.22" W	623.0'	43.8'	TRANSITIONAL	N/A		
10	POLE	29°53'51.71" N	97°52'28.88" W	619.0'	19.5'	TRANSITIONAL	N/A		
11	T-L TWR	29°52'28.08" N	97°50'11.17" W	711.0'	85.4'	APPROACH	N/A		
12	T-L TWR	29°53'01.55" N	97°49'28.99" W	749.0'	2.8'	CONICAL	N/A		
13	POLE	29°53'23.65" N	97°52'49.70" W	607.0'	9.7'	TRANSITIONAL	N/A		
14	POLE	29°54'57.50" N	97°50'58.40" W	681.0'	63.7'	HORIZONTAL	2011ASW04380OE		
15	TOWER	29°58'23.49" N	97°59'34.99" W	1,274.0'	449.2'	APPROACH	2014ASW03560OE		
16	T-L TWR	29°52'37.00" N	97°54'43.24" W	668.0'	183.5'	CONICAL	2016ASW035910E		
17	T-L TWR	29°52'34.62" N	97°54'56.48" W	671.0'	238.2'	CONICAL	2016ASW03592OE		
						OR INTERSTATE HIGHWAYS, AND A WAS OBTAINED USING THE FA			

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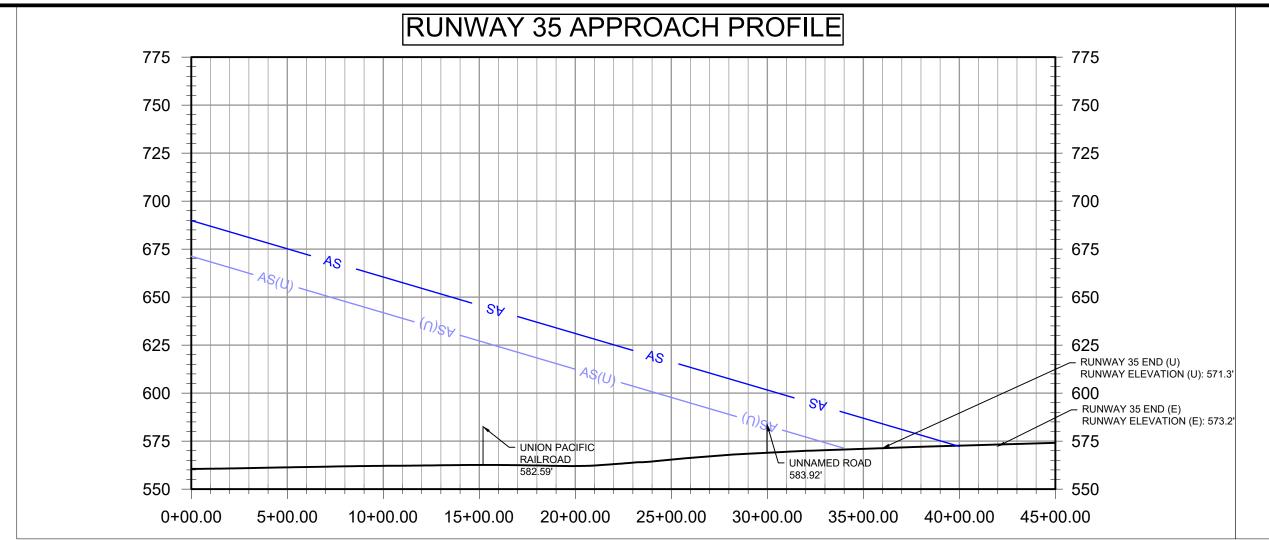
SAN MARCOS REG AIRPORT SAN MARCOS, TX

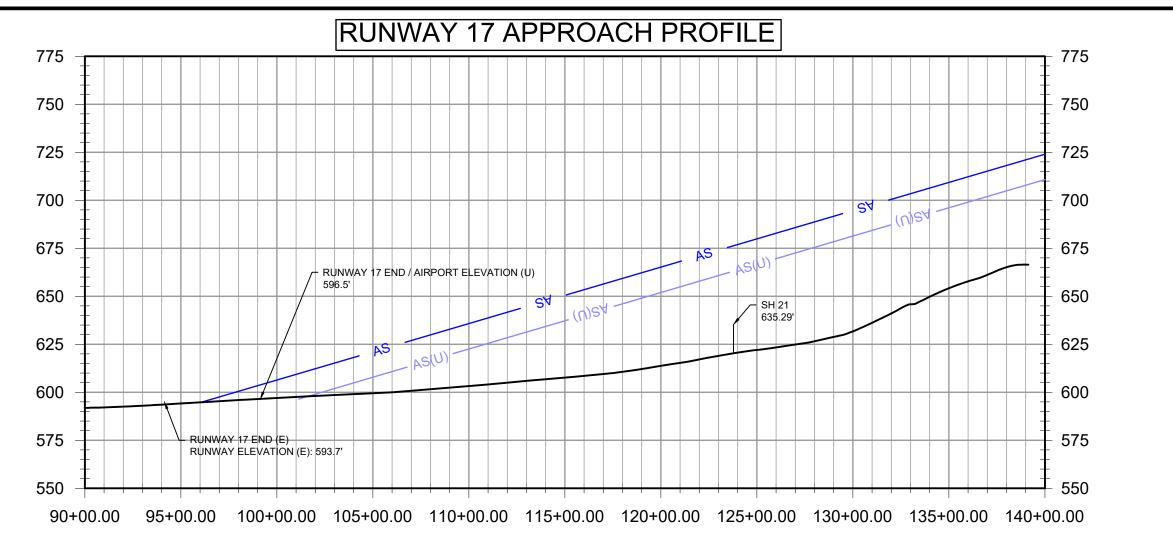
AIRSPACE DRAWING TABLES

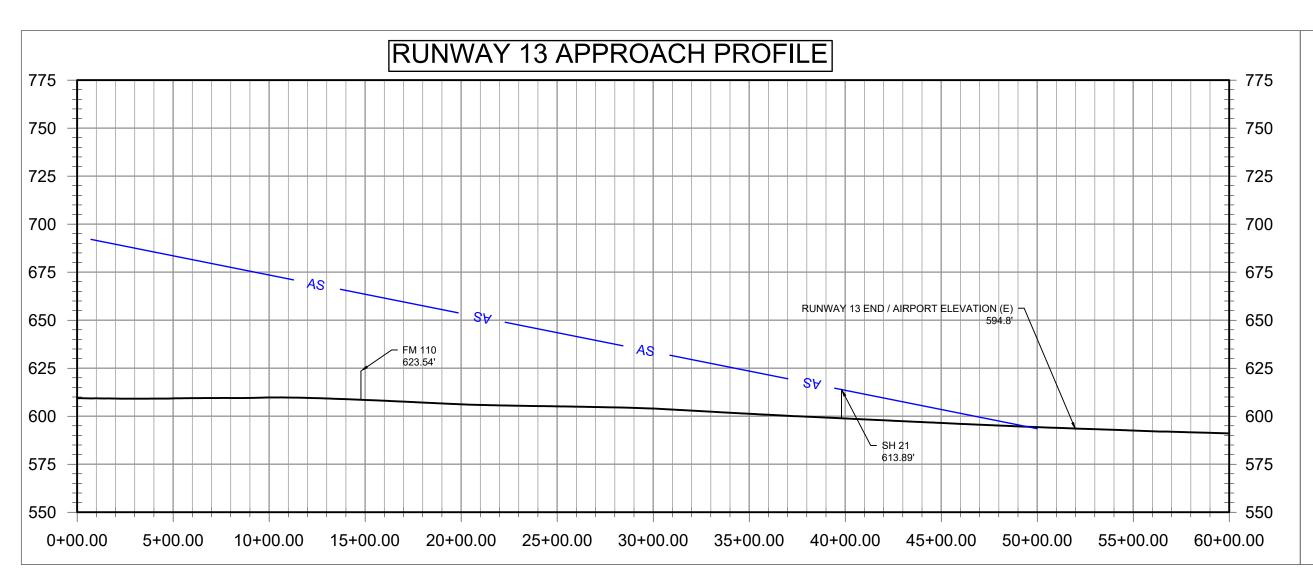
JOB NO.: 14181110 DATE: DEC. 2020 DESIGNED BY: NRP DRAWN BY: DLM

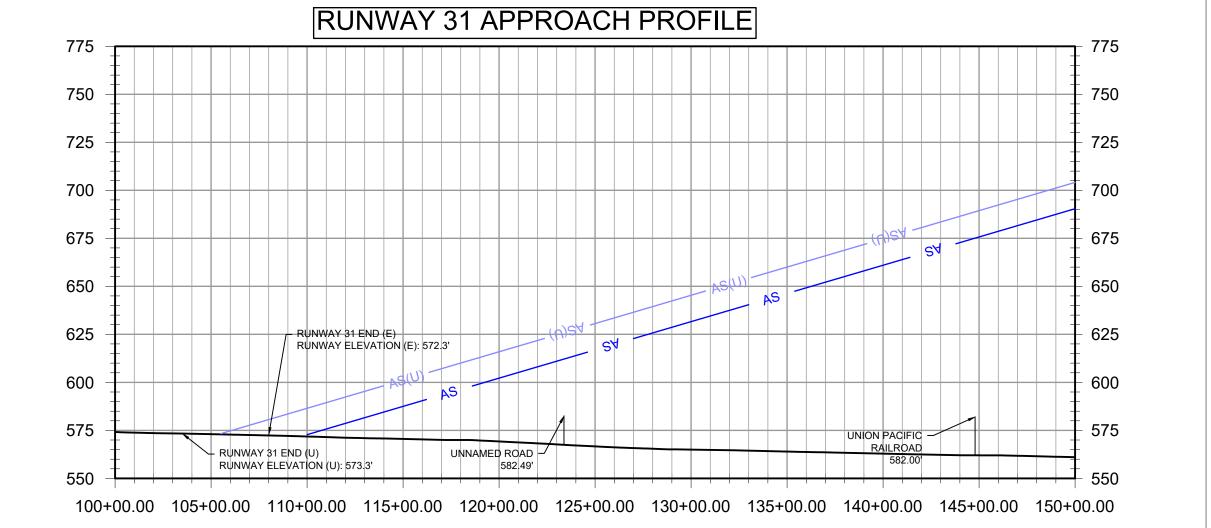
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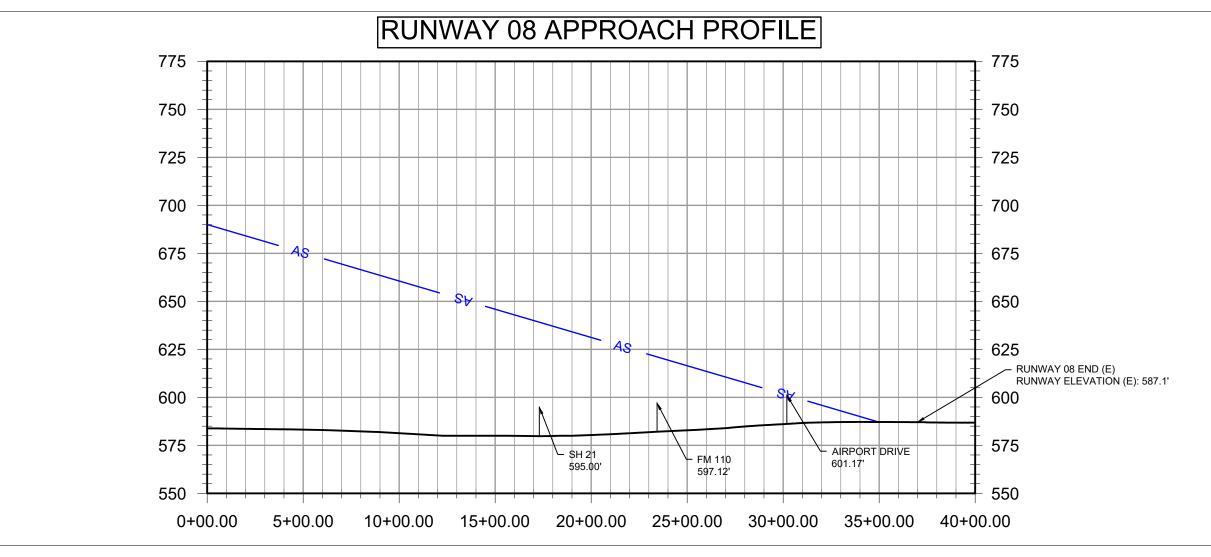
SHEET NUMBER

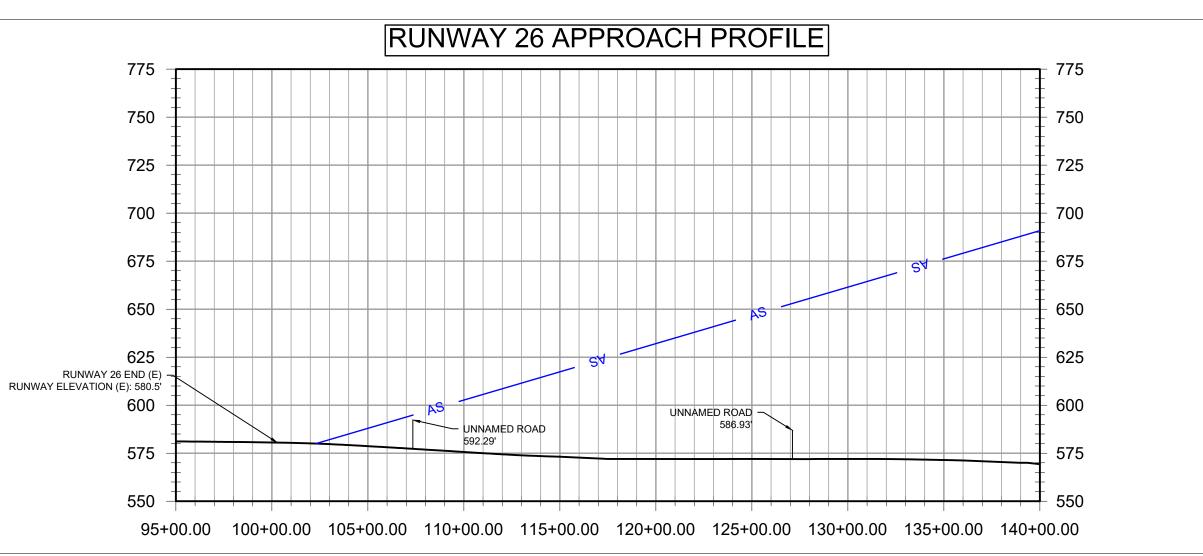












ALL APPROACH SURFACES ARE 34:1 EXCEPT FOR RUNWAY 13 WHICH IS 50:1. "TW" STANDS FOR TRAVERSE WAY. SEE SHEET 9-14 FOR TRAVERSE WAY DESCRIPTIONS. ALL CLEARANCES HAVE BEEN ADJUSTED FOR HEIGHT OF NATURAL OBJECTS, AND 10' FOR PRIVATE ROADS, 15' FOR PUBLIC ROADS, 17' FOR INTERSTATE HIGHWAYS, AND 23' FOR RAILROADS.

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Director, Aviation Divis

2/22/2021 — EA0A4EF01FA5423

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JOB NO.: 14181110

DATE: DEC. 2020 **DESIGNED BY: NRP** 

DRAWN BY: DLM

**AIRPORT** 

**AIRSPACE** 

**DRAWING** 

**PROFILES** 

SHEET NUMBER

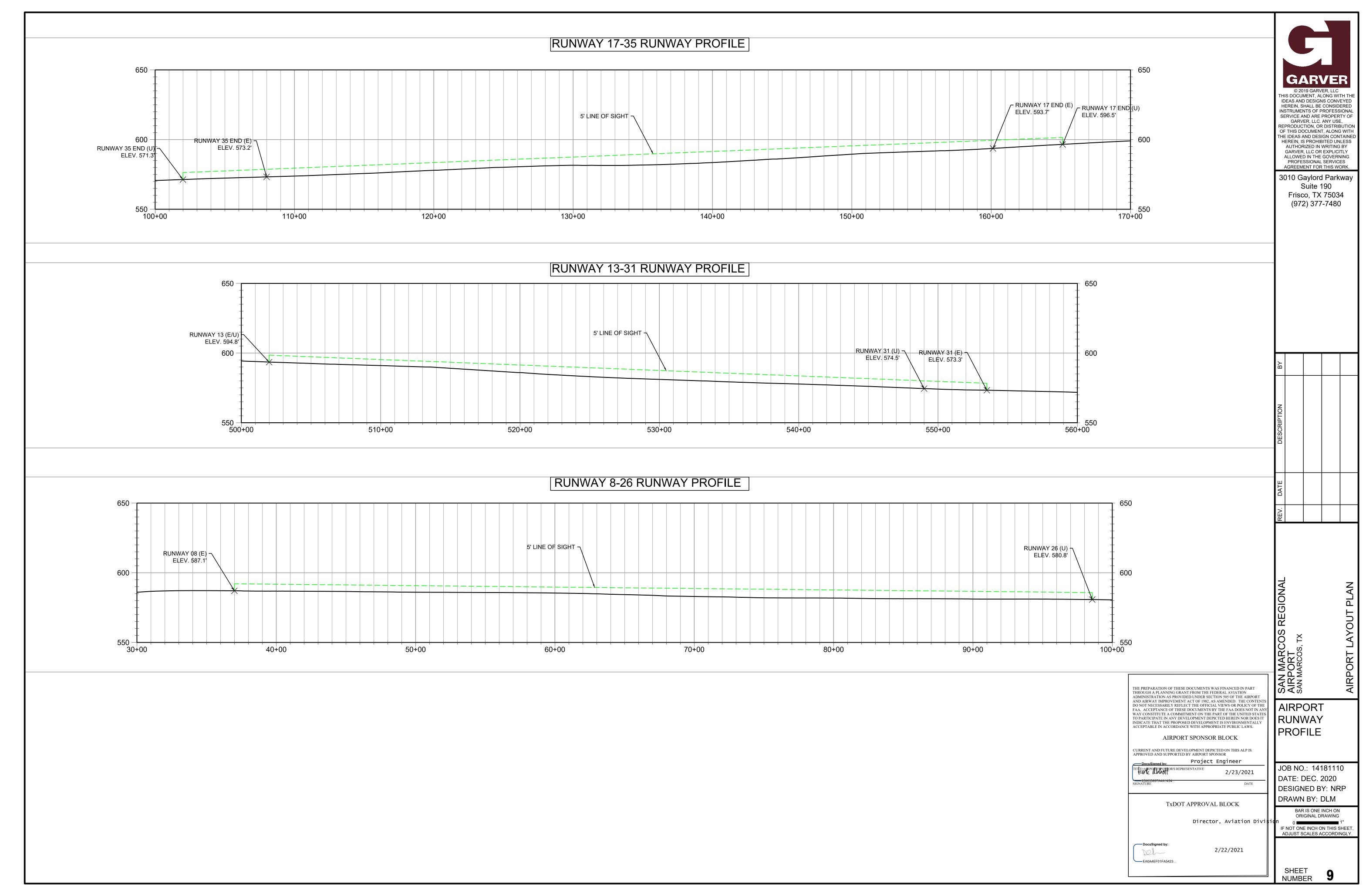
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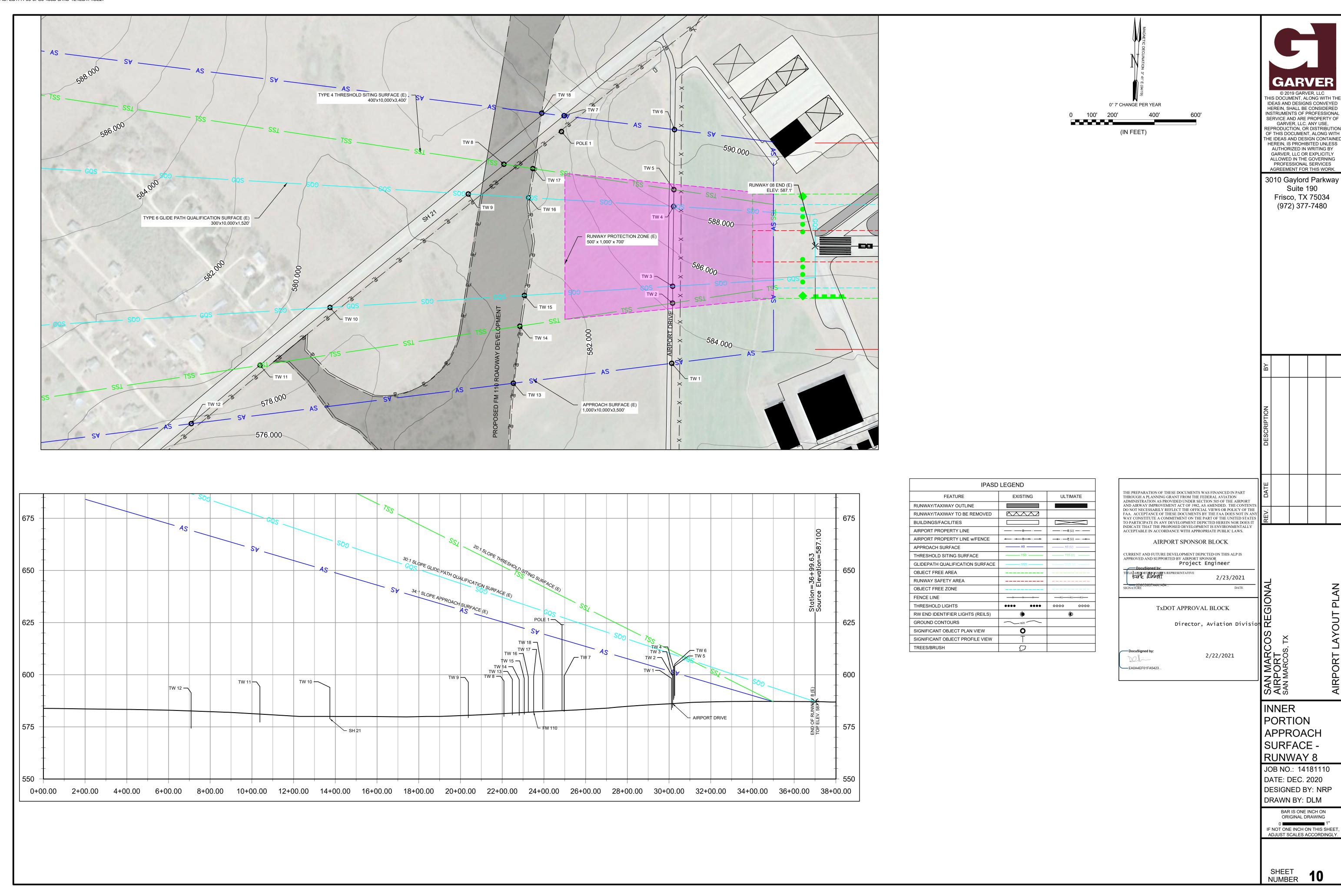
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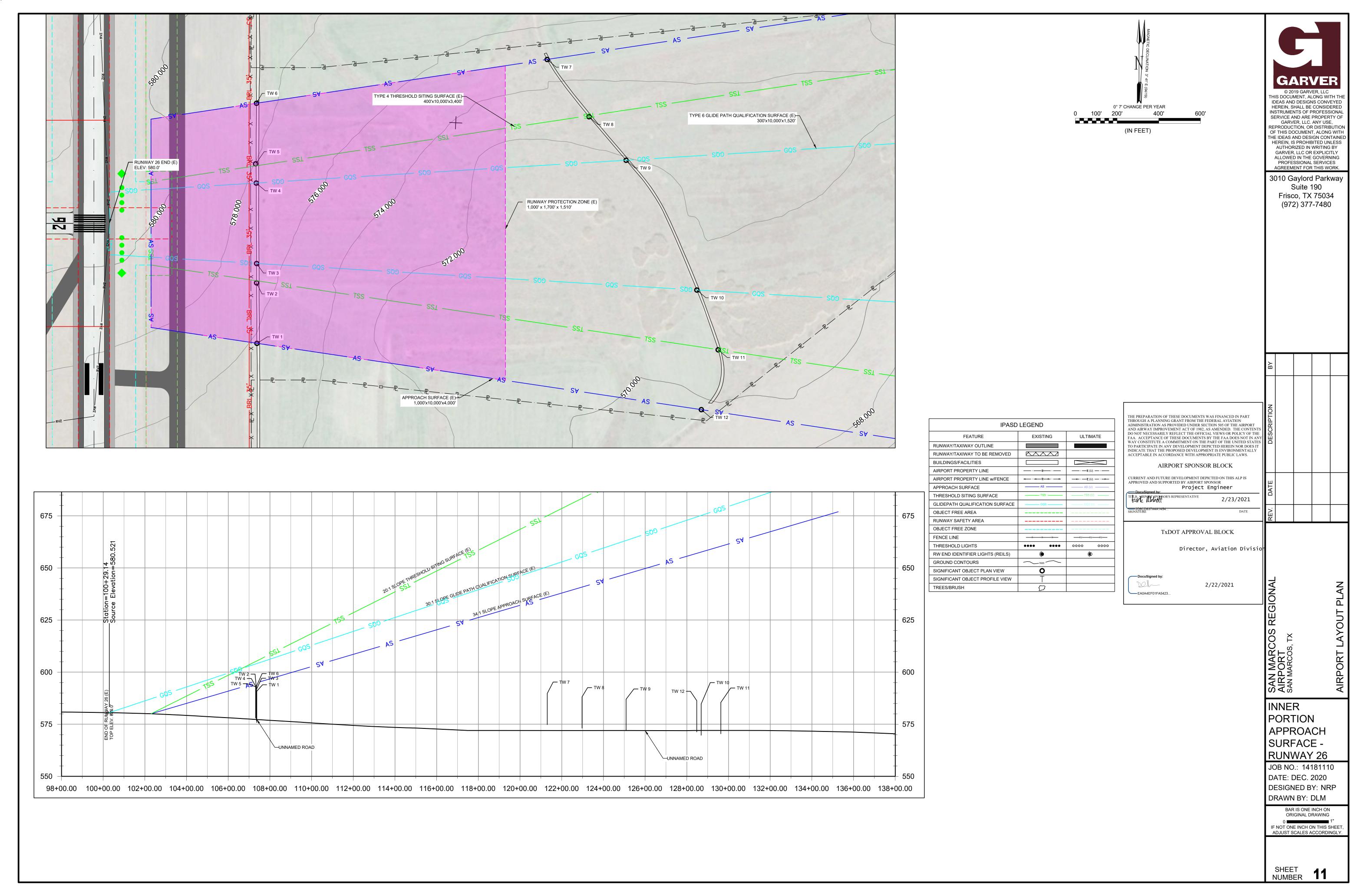
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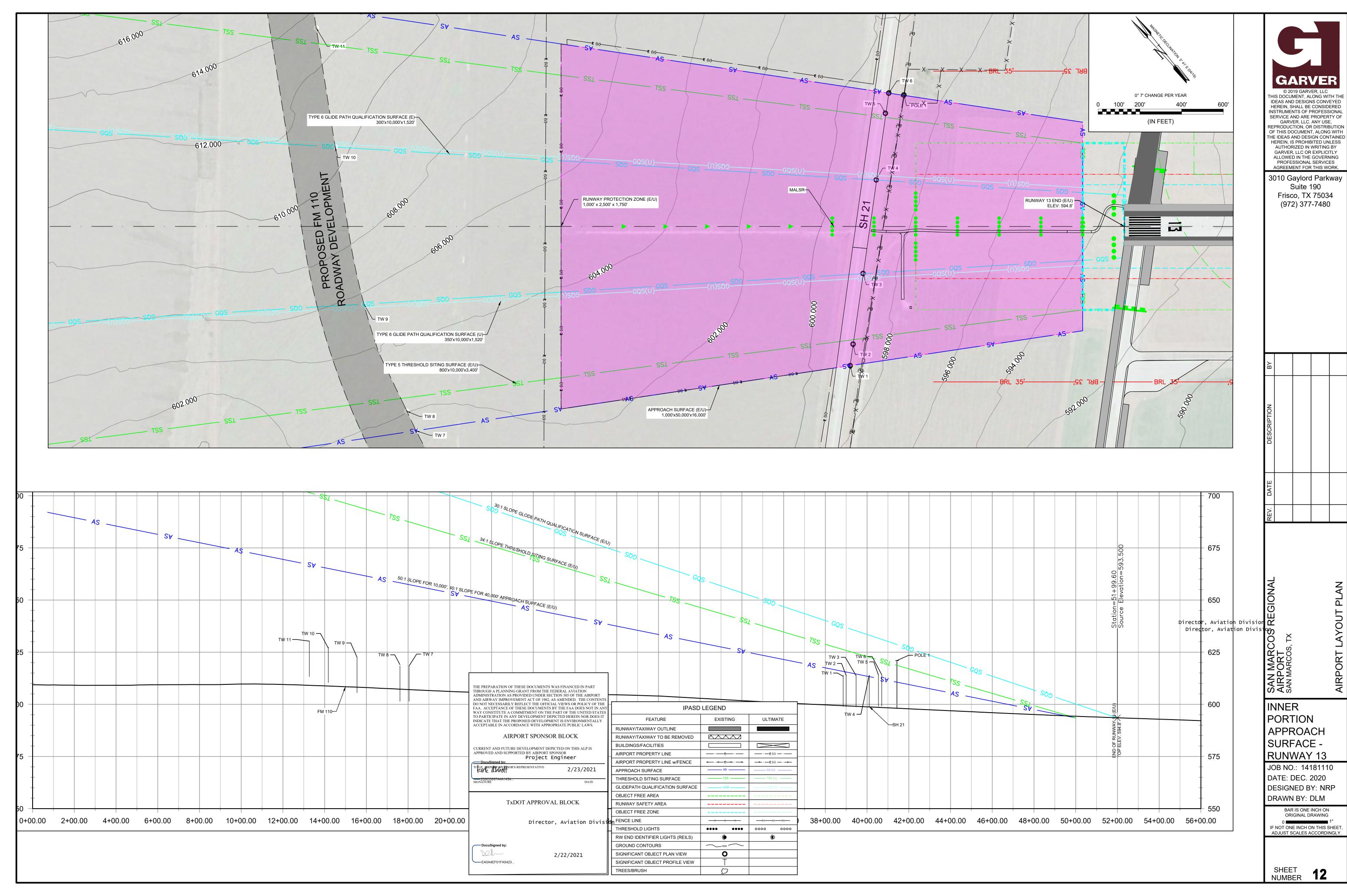
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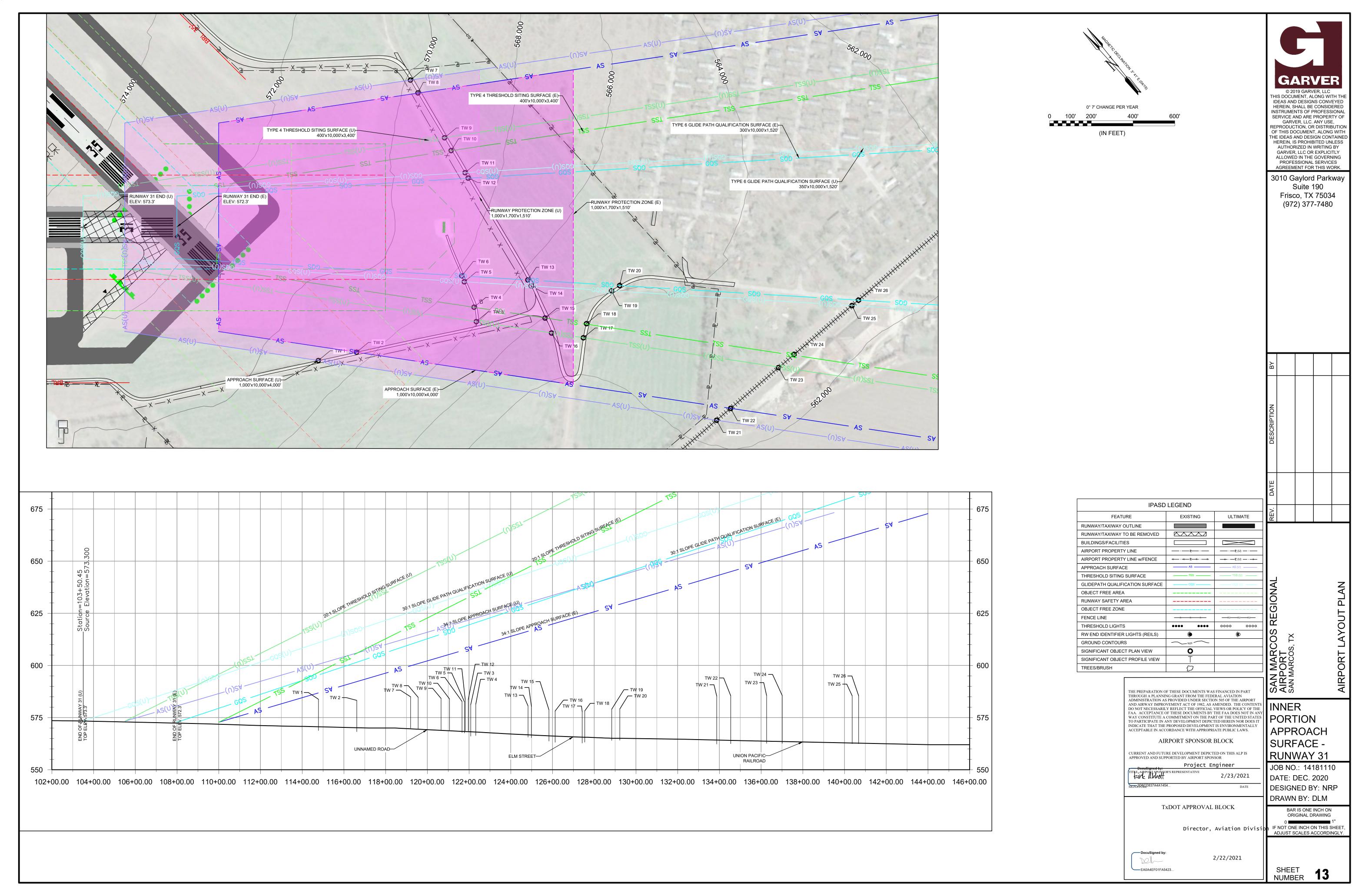
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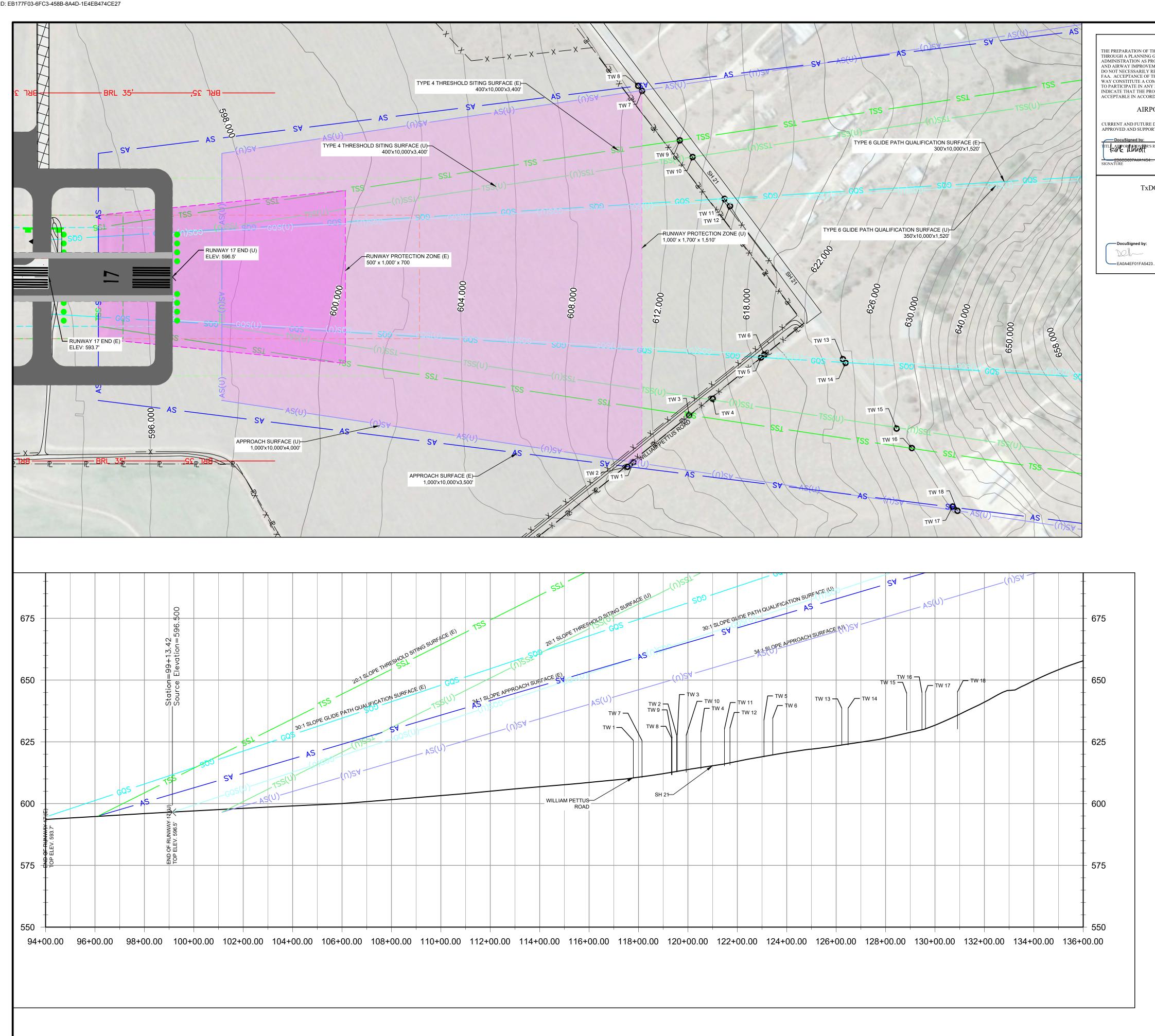












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AIRPORT SPONSOR BLOCK

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ITLE, AIRPORT PONSOR'S REPRESENTATIVE 2/23/2021

TxDOT APPROVAL BLOCK

Director, Aviation Division

2/22/2021

0° 7' CHANGE PER YEAR 0 100' 200'

IPASD	LEGEND	
FEATURE	EXISTING	ULTIMATE
RUNWAY/TAXIWAY OUTLINE		
RUNWAY/TAXIWAY TO BE REMOVED		
BUILDINGS/FACILITIES		
AIRPORT PROPERTY LINE		
AIRPORT PROPERTY LINE w/FENCE	* · * P * · *	—×·—
APPROACH SURFACE	AS	——— AS (U)
THRESHOLD SITING SURFACE	TSS	TSS (U)
GLIDEPATH QUALIFICATION SURFACE	GQS	——— GQS (U)
OBJECT FREE AREA		
RUNWAY SAFETY AREA		
OBJECT FREE ZONE		
FENCE LINE	—	——xu——xu——
THRESHOLD LIGHTS	••••	0000 0000
RW END IDENTIFIER LIGHTS (REILS)	*	*
GROUND CONTOURS		
SIGNIFICANT OBJECT PLAN VIEW	0	
SIGNIFICANT OBJECT PROFILE VIEW	Т	
TREES/BRUSH		

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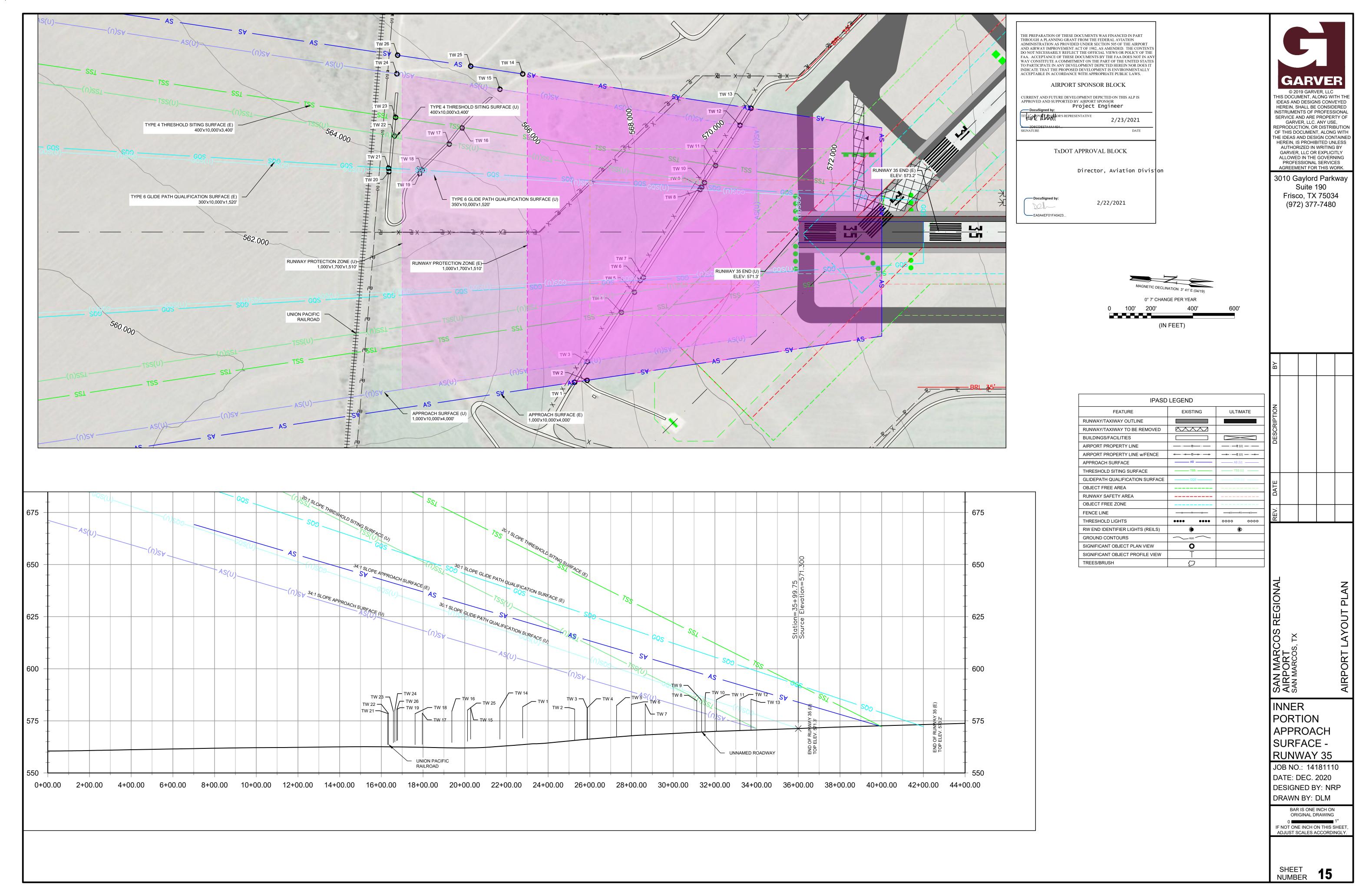
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DESCRIPTION		
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INNER PORTION APPROACH SURFACE -**RUNWAY 17** JOB NO.: 14181110

DATE: DEC. 2020 DESIGNED BY: NRP DRAWN BY: DLM

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	RUNWAY 08 OBSTRUCTION TABLE									
OBJECTS PENETRATING APPROACH SURFACES										
NO.	DESCRIPTION	TOP ELEVATION	SURFACE	SURFACE ELEVATION	PENETRATION IN FEET	DISPOSITION				
POLE 1	POLE	624.00'	AS (E)	622.86'	1.14'	REMOVE				
TW 6	AIRPORT DRIVE	605.02'	AS (E)	601.02'	4.00'	REGRADE				
<b>OBJECTS CL</b>	EAR OF APPROACH SURFACE									
NO.	DESCRIPTION	TOP ELEVATION	SURFACE	SURFACE ELEVATION	CLEARANCE IN FEET	DISPOSITION				
TW 1	AIRPORT DRIVE	598.23'	AS (E)	607.36'	9.13'	N/A				
TW 2	AIRPORT DRIVE	599.25'	TSS (E)	607.21'	7.96'	N/A				
TW 3	AIRPORT DRIVE	599.84'	GQS (E)	609.88'	10.04'	N/A				
TW 4	AIRPORT DRIVE	603.08'	GQS (E)	609.71'	6.63'	N/A				
TW 5	AIRPORT DRIVE	603.91'	TSS (E)	620.96'	17.05'	N/A				
TW 7	STATE HIGHWAY 21	599.42'	AS (E)	621.80'	22.38'	N/A				
TW 8	STATE HIGHWAY 21	596.98'	TSS (E)	660.27'	63.29'	N/A				
TW 9	STATE HIGHWAY 21	596.42'	GQS (E)	642.53'	46.12'	N/A				
TW 10	STATE HIGHWAY 21	593.88'	GQS (E)	664.66'	70.79'	N/A				
TW 11	STATE HIGHWAY 21	594.29'	TSS (E)	723.94'	129.64'	N/A				
TW 12	STATE HIGHWAY 21	591.34'	AS (E)	678.14'	86.80'	N/A				
TW 13	FM 110	597.79'	AS (E)	629.80'	32.01'	N/A				
TW 14	FM 110	597.56'	TSS (E)	658.04'	60.48'	N/A				
TW 15	FM 110	598.05'	GQS (E)	633.58'	35.53'	N/A				
TW 16	FM 110	598.99'	GQS (E)	632.94'	33.95'	N/A				
TW 17	FM 110	599.00'	TSS (E)	654.58'	55.58'	N/A				
TW 18	FM 110	600.49'	AS (E)	625.52'	25.03'	N/A				
	OBSTRUCTION DA	ATA WAS OBTAINE	O USING THE FAA'S	S DAILY DIGITAL OF	STACLE FILE					

EXISTING OBSTRUCTIONS TO BE REMEDIATED AS FACILITIES IMPROVED

	RUNWAY 26 OBSTRUCTION TABLE									
DBJECTS PENETRATING APPROACH SURFACES										
NO.	DESCRIPTION	TOP ELEVATION	SURFACE	SURFACE ELEVATION	PENETRATION IN FEET	DISPOSITION				
	NO OBSTRUCTIONS									
OBJECTS CLEAR OF APPROAC	CH SURFACE									
NO.	DESCRIPTION	TOP ELEVATION	SURFACE	SURFACE ELEVATION	CLEARANCE IN FEET	DISPOSITION				
TW 1	UNNAMED ROAD	590.83'	AS (E)	600.78'	9.95'	N/A				
TW 2	UNNAMED ROAD	591.65'	TSS (E)	615.25'	23.60'	N/A				
TW 3	UNNAMED ROAD	591.83'	GQS (E)	603.50'	11.67'	N/A				
TW 4	UNNAMED ROAD	592.73'	GQS (E)	603.47'	10.74'	N/A				
TW 5	UNNAMED ROAD	592.96'	TSS (E)	615.19'	22.23'	N/A				
TW 6	UNNAMED ROAD	593.33'	AS (E)	600.68'	7.35'	N/A				
TW 7	UNNAMED ROAD	589.80'	AS (E)	641.78'	51.98'	N/A				
TW 8	UNNAMED ROAD	588.13'	TSS (E)	693.40'	105.27'	N/A				
TW 9	UNNAMED ROAD	587.00'	GQS (E)	662.61'	75.61'	N/A				
TW 10	UNNAMED ROAD	586.31'	GQS (E)	673.91'	87.60'	N/A				
TW 11	UNNAMED ROAD	585.43'	TSS (E)	726.64'	141.21'	N/A				
TW 12	UNNAMED ROAD	584.72'	AS (E)	663.49'	78.77'	N/A				

OBSTRUCTION DATA WAS OBTAINED USING THE FAA'S DAILY DIGITAL OBSTACLE FILE EXISTING OBSTRUCTIONS TO BE REMEDIATED AS FACILITIES IMPROVED

"TW" STANDS FOR TRAVERSE WAY.

CTS PENETRATING APPROA	ACH SURFACES					
NO.	DESCRIPTION	TOP ELEVATION	SURFACE	SURFACE ELEVATION	PENETRATION IN FEET	DISPOSITIO
		NO OBS	TRUCTIONS			
CTS CLEAR OF APPROACH	SURFACE					
NO.	DESCRIPTION	TOP ELEVATION	SURFACE	SURFACE ELEVATION	CLEARANCE IN FEET	DISPOSITION
TW 1	ELM ST	583.79'	AS (U)	606.47'	22.68'	N/A
TW 2	ELM ST	583.26'	AS (E)	597.58'	14.32'	N/A
TW 3	PRIVATE ROAD	581.09'	TSS (U)	666.18'	85.09'	N/A
TW 4	PRIVATE ROAD	581.39'	TSS (E)	643.88'	62.49'	N/A
TW 5	PRIVATE ROAD	582.60'	GQS (U)	634.22'	51.62'	N/A
TW 6	PRIVATE ROAD	582.78'	GQS (E)	632.83'	50.05'	N/A
TW 7	UNNAMED ROAD	584.99'	AS (U)	619.46'	34.47'	N/A
TW 8	UNNAMED ROAD	584.75'	AS (E)	619.52'	34.77'	N/A
TW 9	UNNAMED ROAD	584.17'	TSS (U)	659.08'	74.91'	N/A
TW 10	UNNAMED ROAD	583.98'	TSS (E)	660.09'	76.11'	N/A
TW 11	UNNAMED ROAD	583.66'	GQS (U)	634.34'	50.68'	N/A
TW 12	UNNAMED ROAD	583.58'	GQS (E)	633.83'	50.25'	N/A
TW 13	UNNAMED ROAD	582.49'	GQS (E)	643.38'	60.89'	N/A
TW 14	UNNAMED ROAD	580.63'	GQS (U)	644.92'	64.29'	N/A
TW 15	UNNAMED ROAD	580.37'	TSS (E)	683.93'	103.56'	N/A
TW 16	UNNAMED ROAD	578.72'	TSS (U)	686.41'	107.69'	N/A
TW 17	MILL ROAD	578.15'	TSS (U)	692.93'	114.78'	N/A
TW 18	MILL ROAD	577.79'	TSS (E)	692.52'	114.73'	N/A
TW 19	MILL ROAD	578.21'	GQS (U)	657.76'	79.55'	N/A
TW 20	MILL ROAD	579.04'	GQS (E)	658.04'	79.00'	N/A
TW 21	UNION PACIFIC RAILROAD	579.12'	AS (U)	662.62'	83.50'	N/A
TW 22	UNION PACIFIC RAILROAD	585.32'	AS (E)	663.59'	78.27'	N/A
TW 23	UNION PACIFIC RAILROAD	585.46'	TSS (U)	737.10'	151.64'	N/A
TW 24	UNION PACIFIC RAILROAD	585.63'	TSS (E)	739.85'	154.22'	N/A
TW 25	UNION PACIFIC RAILROAD	585.62'	GQS (U)	696.18'	110.56'	N/A
TW 26	UNION PACIFIC RAILROAD	585.44'	GQS (E)	696.23'	110.79'	N/A

ECTS PENETRATING APPROACH SURFACES									
NO.	DESCRIPTION	TOP ELEVATION	SURFACE	SURFACE ELEVATION	PENETRATION IN FEET	DISPOSITION			
TW 8	UNNAMED ROAD	584.68'	AS (U)	579.78'	4.90'	REGRADE			
TW 9	UNNAMED ROAD	584.86'	AS (U)	578.46'	6.40'	REGRADE			
TW 10	UNNAMED ROAD	584.98'	AS (U)	578.58'	6.40'	REGRADE			
TW 11	UNNAMED ROAD	585.17'	AS (U)	576.97'	8.20'	REGRADE			
TW 12	UNNAMED ROAD	585.33'	AS (U)	573.63'	11.70'	REGRADE			
ECTS CLEAR OF APPROAC	H SURFACE								
NO.	DESCRIPTION	TOP ELEVATION	SURFACE	SURFACE ELEVATION	CLEARANCE IN FEET	DISPOSITION			
TW 1	UNNAMED ROAD	580.63'	AS (E)	622.40'	41.77'	N/A			
TW 2	UNNAMED ROAD	581.24'	AS (E)	620.65'	39.41'	N/A			
TW 3	UNNAMED ROAD	581.30'	AS (U)	601.05'	19.75'	N/A			
TW 4	UNNAMED ROAD	582.39'	TSS (E)	646.79'	64.40'	N/A			
TW 5	UNNAMED ROAD	582.91'	TSS (U)	611.34'	28.43'	N/A			
TW 6	UNNAMED ROAD	583.14'	GQS (E)	618.49'	35.35'	N/A			
TW 7	UNNAMED ROAD	583.23'	GQS (U)	595.77'	12.54'	N/A			
TW 13	UNNAMED ROAD	585.37'	AS (E)	580.17'	5.20'	N/A			
TW 14	ELM STREET	581.75'	AS (E)	629.53'	47.78'	N/A			
TW 15	ELM STREET	581.20'	AS (U)	613.40'	32.20'	N/A			
TW 16	ELM STREET	580.17'	TSS (E)	682.54'	102.37'	N/A			
TW 17	ELM STREET	580.61'	TSS (U)	654.39'	73.78'	N/A			
TW 18	ELM STREET	578.71'	GQS (E)	653.33'	74.62'	N/A			
TW 19	ELM STREET	578.53'	GQS (U)	632.57'	54.04'	N/A			
TW 20	ELM STREET	578.56'	GQS (U)	636.96'	58.40'	N/A			
TW 21	ELM STREET	578.70'	GQS (E)	658.73'	80.03'	N/A			
TW 22	ELM STREET	579.49'	TSS (U)	668.41'	88.92'	N/A			
TW 23	ELM STREET	579.89'	TSS (E)	699.97'	120.08'	N/A			
TW 24	ELM STREET	580.40'	AS (U)	645.59'	65.19'	N/A			
TW 25	ELM STREET	581.21'	AS (E)	637.07'	55.86'	N/A			
TW 26	ELM STREET	584.69'	AS (E)	647.39'	62.70'	N/A			
	OBSTRUCTION DA	TA WAS OBTAINED	USING THE FAA'	S DAILY DIGITAL OBSTACI	E FILE				

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DESCRIPTION		
DATE		
REV.		

IPASD TABLES

JOB NO.: 14181110 DATE: DEC. 2020 DESIGNED BY: NRP DRAWN BY: DLM

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	RUNWAY 13 OBSTRUCTION TABLE								
DBJECTS PENETRATING APPROACH SURFACES									
NO.	DESCRIPTION	TOP ELEVATION	SURFACE	SURFACE ELEVATION	PENETRATION IN FEET	DISPOSITION			
POLE 1	POLE	621.00'	AS (E)	614.64'	6.36'	REMOVE			
TW 4	STATE HIGHWAY 21	613.97'	AS (E)	613.37'	0.60'	REGRADE			
TW 5	STATE HIGHWAY 21	614.03'	AS (E)	612.43'	1.60'	REGRADE			
TW 6	STATE HIGHWAY 21	614.18'	AS (E)	612.18'	2.00'	REGRADE			
OBJECTS CLEAR OF APPROACH	SURFACE								
NO.	DESCRIPTION	TOP ELEVATION	SURFACE	SURFACE ELEVATION	CLEARANCE IN FEET	DISPOSITION			
TW 1	STATE HIGHWAY 21	613.94'	AS (E)	619.79'	5.85'	N/A			
TW 2	STATE HIGHWAY 21	613.87'	TSS (E)	631.73'	17.86'	N/A			
TW 3	STATE HIGHWAY 21	613.76'	GQS (E)	635.22'	21.46'	N/A			
TW 7	FM 110	618.44'	AS (E)	661.38'	42.94'	N/A			
TW 8	FM 110	619.04'	TSS (E)	694.65'	75.61'	N/A			
TW 9	FM 110	622.61'	GQS (E)	715.00'	92.38'	N/A			
TW 10	FM 110	627.45'	GQS (E)	719.58'	92.13'	N/A			
TW 11	FM 110	630.32'	TSS (E)	707.42'	77.10'	N/A			
	OBSTRUCTION DAT	A WAS OBTAINED	USING THE FAA'S	DAILY DIGITAL OBSTACLI	E FILE				

EXISTING OBSTRUCTIONS TO BE DEMEDIATED AS EACH ITIES IMPROVED

	EXISTING OBSTRUCTIONS TO BE REMEDIATED AS FACILITIES IMPROVED									
	RUNWAY 31 OBSTRUCTION TABLE									
ORIECTS DENETRATING ADDROV	OBJECTS PENETRATING APPROACH SURFACES									
		TOD SUSVATION	CUREAGE	SURFACE	PENETRATION IN	DISPOSITION				
NO.	DESCRIPTION	TOP ELEVATION	SURFACE	ELEVATION	FEET	DISPOSITION				
NO OBSTRUCTIONS										
OBJECTS CLEAR OF APPROACH SURFACE										
NO.	DESCRIPTION	TOP ELEVATION	SURFACE	SURFACE ELEVATION	CLEARANCE IN FEET	DISPOSITION				
TW 1	ELM ST	583.79'	AS (U)	606.47'	22.68'	N/A				
TW 2	ELM ST	583.26'	AS (E)	597.58'	14.32'	N/A				
TW 3	PRIVATE ROAD	581.09'	TSS (U)	666.18'	85.09'	N/A				
TW 4	PRIVATE ROAD	581.39'	TSS (E)	643.88'	62.49'	N/A				
TW 5	PRIVATE ROAD	582.60'	GQS (U)	634.22'	51.62'	N/A				
TW 6	PRIVATE ROAD	582.78'	GQS (E)	632.83'	50.05'	N/A				
TW 7	UNNAMED ROAD	584.99'	AS (U)	619.46'	34.47'	N/A				
TW 8	UNNAMED ROAD	584.75'	AS (E)	619.52'	34.77'	N/A				
TW 9	UNNAMED ROAD	584.17'	TSS (U)	659.08'	74.91'	N/A				
TW 10	UNNAMED ROAD	583.98'	TSS (E)	660.09'	76.11'	N/A				
TW 11	UNNAMED ROAD	583.66'	GQS (U)	634.34'	50.68'	N/A				
TW 12	UNNAMED ROAD	583.58'	GQS (E)	633.83'	50.25'	N/A				
TW 13	UNNAMED ROAD	582.49'	GQS (E)	643.38'	60.89'	N/A				
TW 14	UNNAMED ROAD	580.63'	GQS (U)	644.92'	64.29'	N/A				
TW 15	UNNAMED ROAD	580.37'	TSS (E)	683.93'	103.56'	N/A				
TW 16	UNNAMED ROAD	578.72'	TSS (U)	686.41'	107.69'	N/A				
TW 17	MILL ROAD	578.15'	TSS (U)	692.93'	114.78'	N/A				
TW 18	MILL ROAD	577.79'	TSS (E)	692.52'	114.73'	N/A				
TW 19	MILL ROAD	578.21'	GQS (U)	657.76'	79.55'	N/A				
TW 20	MILL ROAD	579.04'	GQS (E)	658.04'	79.00'	N/A				
TW 21	UNION PACIFIC RAILROAD	579.12'	AS (U)	662.62'	83.50'	N/A				
TW 22	UNION PACIFIC RAILROAD	585.32'	AS (E)	663.59'	78.27'	N/A				
TW 23	UNION PACIFIC RAILROAD	585.46'	TSS (U)	737.10'	151.64'	N/A				
TW 24	UNION PACIFIC RAILROAD	585.63'	TSS (E)	739.85'	154.22'	N/A				
TW 25	UNION PACIFIC RAILROAD	585.62'	GQS (U)	696.18'	110.56'	N/A				
TW 26	UNION PACIFIC RAILROAD	585.44'	GQS (E)	696.23'	110.79'	N/A				
	OBSTRUCTION DATA WAS C	BTAINED USING TH	IE FAA'S DAILY DIO	GITAL OBSTACL	E FILE					
	EXISTING OBSTRUCT	ONS TO BE REMED	IATED AS FACILITI	ES IMPROVED						

L NOTE: "TW" STANDS FOR TRAVERSE WAY.



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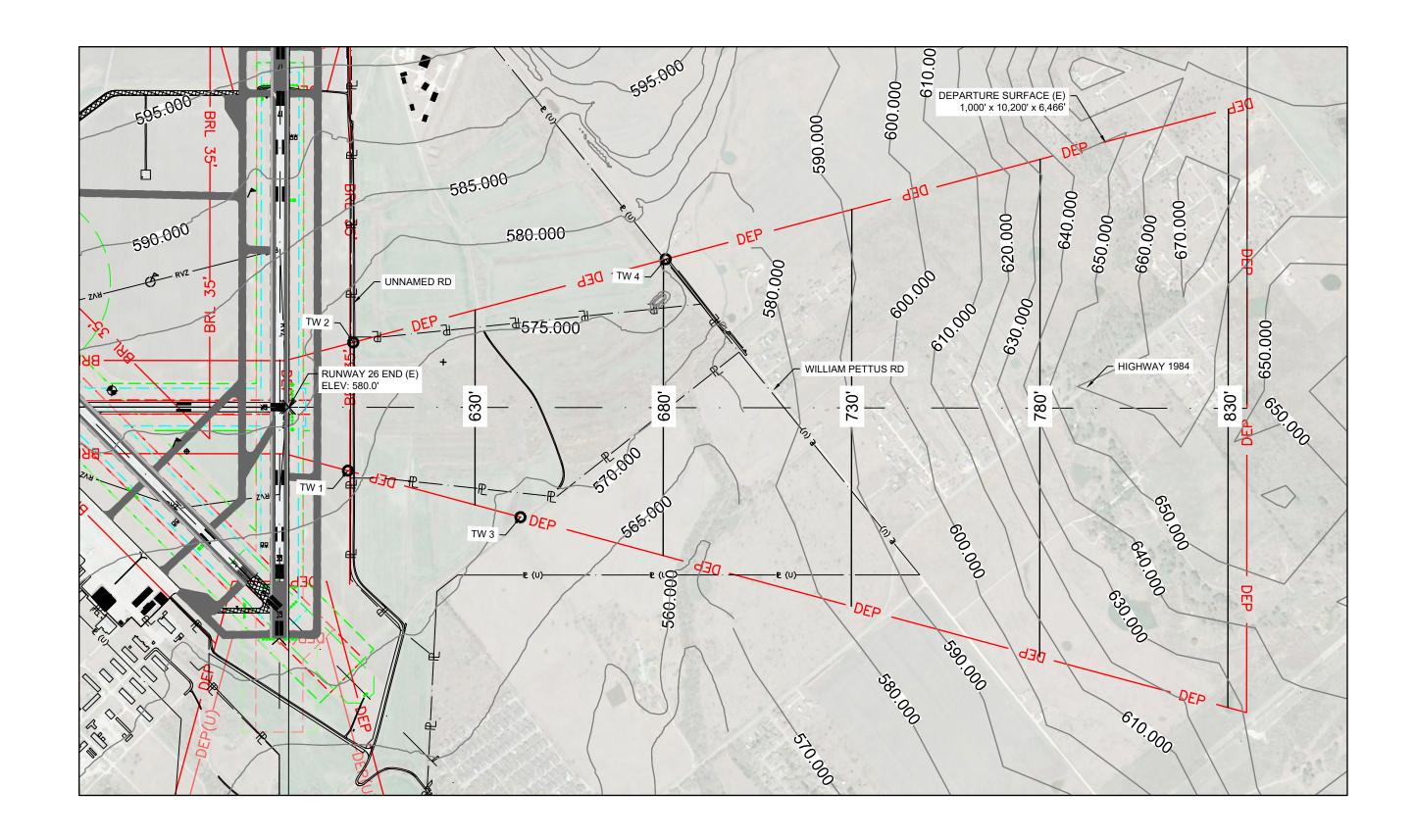
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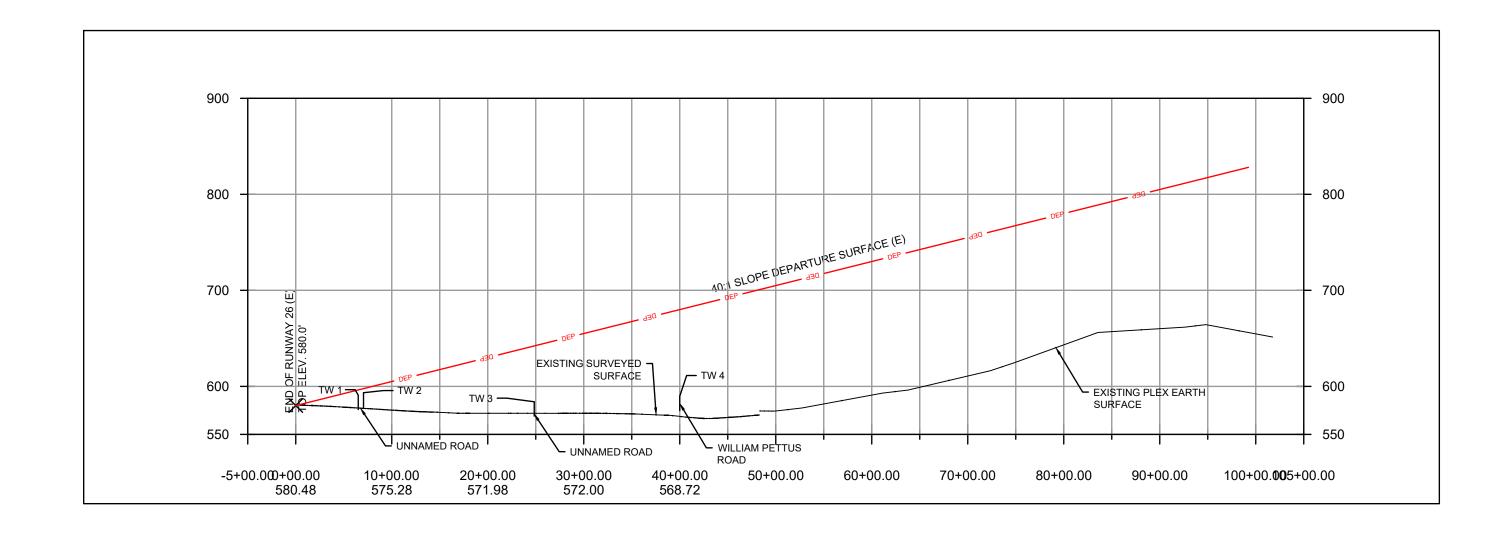
IPASD TABLES

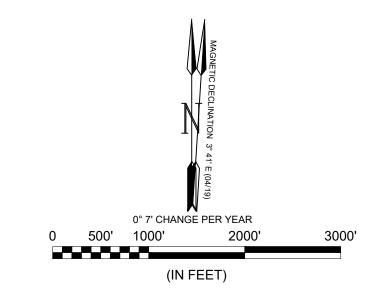
JOB NO.: 14181110 DATE: DEC. 2020 DESIGNED BY: NRP DRAWN BY: DLM

BAR IS ONE INCH ON ORIGINAL DRAWING 0 1"

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DEP	LEGEND	
FEATURE	EXISTING	ULTIMATE
RUNWAY/TAXIWAY OUTLINE		
RUNWAY/TAXIWAY TO BE REMOVED		
BUILDINGS/FACILITIES		
AIRPORT PROPERTY LINE		
AIRPORT PROPERTY LINE W/FENCE	* · · * · P · · · *	—×
DEPARTURE SURFACE	——— DEP ———	——— DEP (U) ———
RUNWAY SAFETY AREA		
RUNWAY OBJECT FREE AREA		
OBJECT FREE ZONE		
FENCE LINE	—×—×—	—xu—xu—xu—
THRESHOLD LIGHTS	••••	0000 0000
RW END IDENTIFIER LIGHTS (REILS)	*	**
GROUND CONTOURS	1620	
SIGNIFICANT OBJECT PLAN VIEW	0	
SIGNIFICANT OBJECT PROFILE VIEW	Т	
TREES/BRUSH	$\Box$	

RUNWAY 08 OBSTRUCTION TABLE								
<b>OBJECTS PE</b>	OBJECTS PENETRATING DEPARTURE SURFACES							
NO.	NO. DESCRIPTION TOP ELEVATION SURFACE ELEVATION FEET DISPOSITION							
	NO OBSTRUCTIONS							

OBJECTS CL	OBJECTS CLEAR OF DEPARTURE SURFACES									
NO.	DESCRIPTION	TOP ELEVATION	SURFACE	SURFACE ELEVATION	CLEARANCE IN FEET	DISPOSITION				
TW 1	UNNAMED ROAD	590.77'	DEP (E)	595.67'	4.90'	N/A				
TW 2	UNNAMED ROAD	593.41'	DEP (E)	597.03'	3.62'	N/A				
TW 3	UNNAMED ROAD	584.00'	DEP (E)	641.50'	57.50'	N/A				
TW 4	WILLIAM PETTUS ROAD	589.70'	DEP (E)	680.00'	90.30'	N/A				
1	ALL CLEARANCES HAVE BEEN ADJUSTED FOR HEIGHT OF NATURAL OBJECTS, AND 10' FOR PRIVATE ROADS,									

15' FOR PUBLIC ROADS, 17' FOR INTERSTATE HIGHWAYS, AND 23' FOR RAILROADS.

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AIRPORT SPONSOR BLOCK

CURRENT AND FUTURE DEVELOPMENT DEPICTED ON THIS ALP IS APPROVED AND SUPPORTED BY AIRPORT SPONSOR

Project Engineer

DocuSigned by:

TITLE: AIRPORT SPONSOR'S REPRESENTATIVE 2/23/2021

TxDOT APPROVAL BLOCK

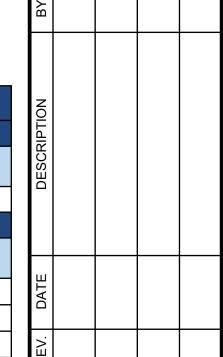
Director, Aviation Divisio

2/22/2021

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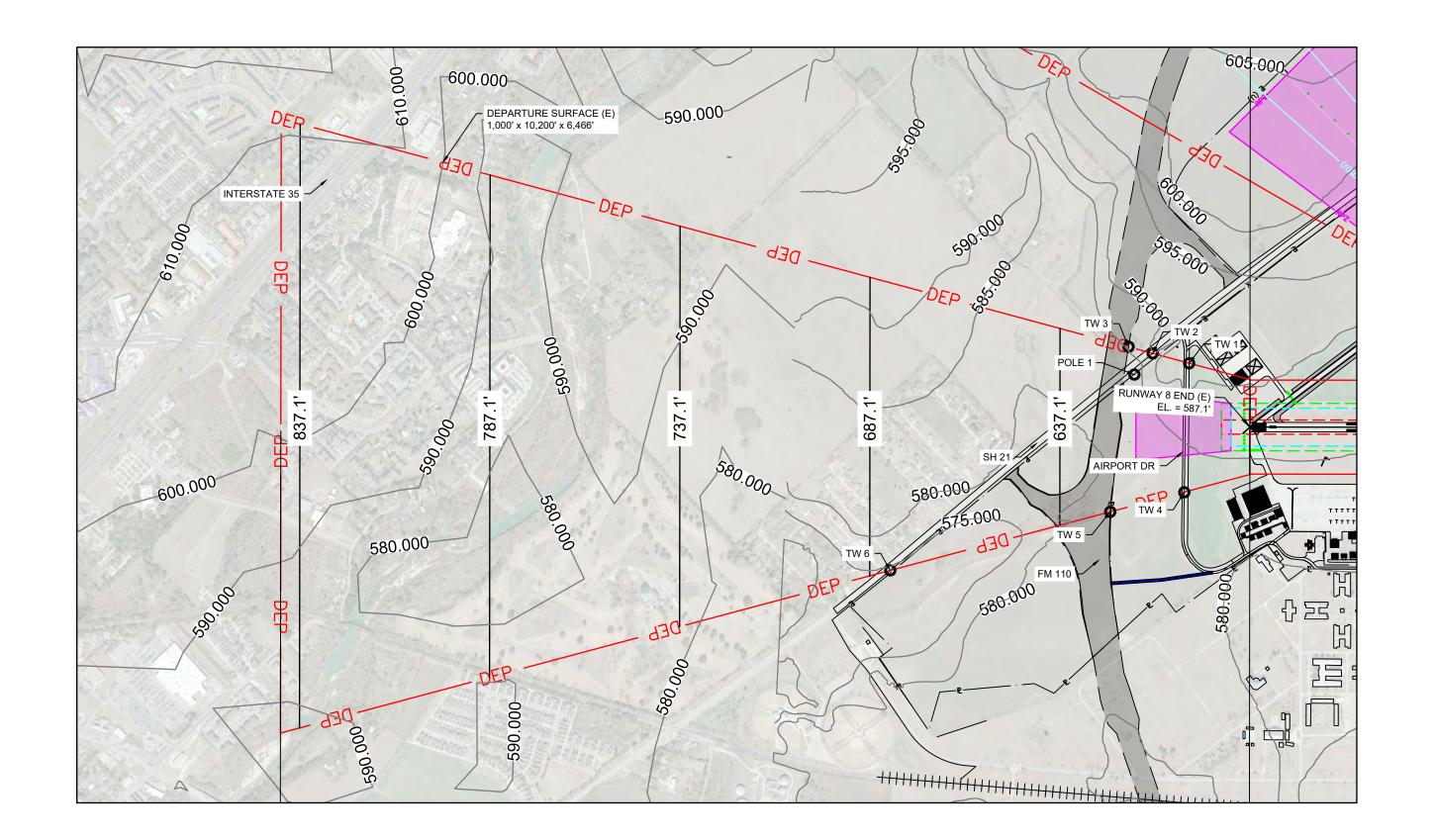
DEPARTURE SURFACE -**RUNWAY 8** 

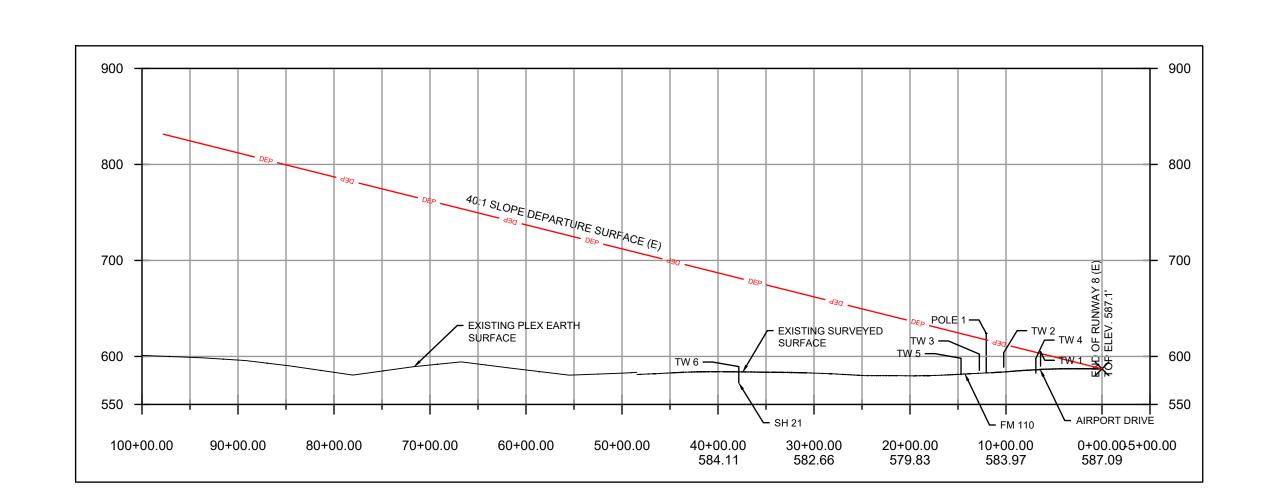
JOB NO.: 14181110 DATE: DEC. 2020 DESIGNED BY: NRP DRAWN BY: DLM

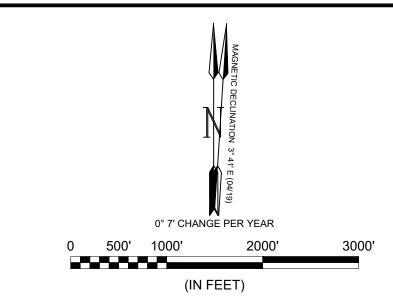
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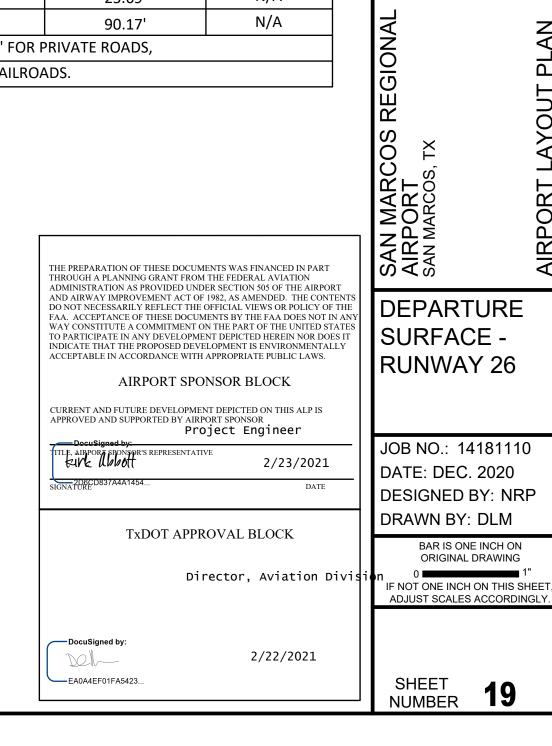






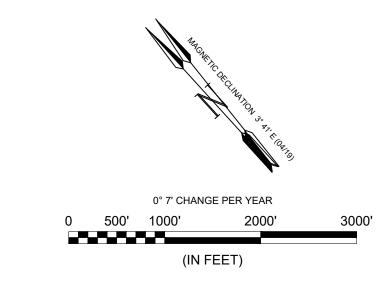
DEP	LEGEND	
FEATURE	EXISTING	ULTIMATE
RUNWAY/TAXIWAY OUTLINE		
RUNWAY/TAXIWAY TO BE REMOVED		
BUILDINGS/FACILITIES		
AIRPORT PROPERTY LINE		——·—₽(U) —·—
AIRPORT PROPERTY LINE W/FENCE	* · · * · P · · · · *	—×-·—₽(U) —·-×
DEPARTURE SURFACE	——— DEP ———	——— DEP (U) ———
RUNWAY SAFETY AREA		
RUNWAY OBJECT FREE AREA		
OBJECT FREE ZONE		
FENCE LINE	xx	—xu—xu—xu—_
THRESHOLD LIGHTS	••••	0000 0000
RW END IDENTIFIER LIGHTS (REILS)	*	*
GROUND CONTOURS	1620	
SIGNIFICANT OBJECT PLAN VIEW	0	
SIGNIFICANT OBJECT PROFILE VIEW	T	
TREES/BRUSH	2	

	RUNWAY 26 OBSTRUCTION TABLE											
OBJECTS PENETRATING DE	CTS PENETRATING DEPARTURE SURFACES											
NO.	DESCRIPTION	TOP ELEVATION	SURFACE	SURFACE ELEVATION	PENETRATION IN FEET	DISPOSITION						
POLE 1	POLE	624.00'	DEP (E)	617.50'	6.50'	REMOVE						
TW 1	AIRPORT DRIVE	605.03'	DEP (E)	603.28'	1.75'	REGRADE						
DBJECTS CLEAR OF DEPAR	ECTS CLEAR OF DEPARTURE SURFACES											
NO.	DESCRIPTION	TOP ELEVATION	SURFACE	SURFACE ELEVATION	CLEARANCE IN FEET	DISPOSITION						
TW 2	STATE HIGHWAY 21	603.85'	DEP (E)	612.70'	8.85'	N/A						
TW 3	FM 110	602.40'	DEP (E)	619.05'	16.65'	N/A						
TW 4	AIRPORT DRIVE	597.80'	DEP (E)	604.34'	6.55'	N/A						
TW 5	FM 110	598.12'	DEP (E)	623.81'	25.69'	N/A						
TW 6	STATE HIGHWAY 21	589.43'	DEP (E)	679.60'	90.17'	N/A						
Д	ALL CLEARANCES HAVE BEEN	ADJUSTED FOR HEI	GHT OF NATURAL	OBJECTS, AND 10' FOR F	PRIVATE ROADS,							
	15' FOR PUBLIC RO	DADS, 17' FOR INTE	RSTATE HIGHWAY	S, AND 23' FOR RAILROA	ADS.							



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DEP	LEGEND	
FEATURE	EXISTING	ULTIMATE
RUNWAY/TAXIWAY OUTLINE		
RUNWAY/TAXIWAY TO BE REMOVED		
BUILDINGS/FACILITIES		
AIRPORT PROPERTY LINE		
AIRPORT PROPERTY LINE W/FENCE	* · · * P · · · *	—×
DEPARTURE SURFACE	——— DEP ———	——— DEP (U) ———
RUNWAY SAFETY AREA		
RUNWAY OBJECT FREE AREA		
OBJECT FREE ZONE		
FENCE LINE	—×—×—×—	—xuxuxu
THRESHOLD LIGHTS	••••	0000 000
RW END IDENTIFIER LIGHTS (REILS)	*	**
GROUND CONTOURS	1620	
SIGNIFICANT OBJECT PLAN VIEW	0	
SIGNIFICANT OBJECT PROFILE VIEW	Т	
TREES/BRUSH	(7	

DEP	LEGEND	
FEATURE	EXISTING	ULTIMATE
RUNWAY/TAXIWAY OUTLINE		
RUNWAY/TAXIWAY TO BE REMOVED		
BUILDINGS/FACILITIES		
AIRPORT PROPERTY LINE		——·—₽(U) —·—
AIRPORT PROPERTY LINE w/FENCE	*-·*-P-*·-*	—×
DEPARTURE SURFACE	——— DEP ———	——— DEP (U) ———
RUNWAY SAFETY AREA		
RUNWAY OBJECT FREE AREA		
OBJECT FREE ZONE		
FENCE LINE	xx	—xu—xu—xu—_
THRESHOLD LIGHTS	••••	0000 000
RW END IDENTIFIER LIGHTS (REILS)	*	**
GROUND CONTOURS	1620	
SIGNIFICANT OBJECT PLAN VIEW	0	
SIGNIFICANT OBJECT PROFILE VIEW	T	
TREES/BRUSH	77	

900									90
800								DEP (U) GED (U	80
700	OF RUNWAY 31 (U) PELEV. 573.3' OF RUNWAY 31 (E) ELEV. 572.3' ELEV. 572.3' A A A			40:1 SLC	DE DEPARTURE SI	JRFACE (U) DEP(U) DEP(U	EP (Nies)		70
600	AM COP ELEV. 572	TW 7 DEP	V 6 DEP(U) TW 3 TW 5	EXISTING SURFACE			E. Si	XISTING PLEX EARTH URFACE	

580.000

570.000

570.000

DEPARTURE SURFACE (U) 1,000' x 10,200' x 6,466'

RUNWAY 31 END (U) ELEV: 573.3'

RUNWAY 31 END (E) ELEV: 572.3'

UNNAMED RD

- UNNAMED RD

DEPARTURE SURFACE (E) -1,000' x 10,200' x 6,466'

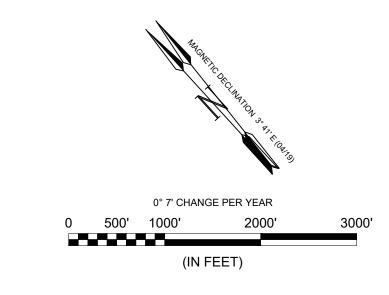
823.3' )d3d-822.3'

OBJECTS PENETRATING DE	PARTURE SURFACES										
NO.	DESCRIPTION	TOP ELEVATION	SURFACE	SURFACE ELEVATION	PENETRATION IN FEET	DISPOSITION					
TW 1	UNNAMED ROAD	596.37'	DEP (U)	592.17'	4.20'	REGRADE					
BJECTS CLEAR OF DEPARTURE SURFACES											
NO.	DESCRIPTION	TOP ELEVATION	SURFACE	SURFACE ELEVATION	CLEARANCE IN FEET	DISPOSITION					
TW 2	UNNAMED ROAD	584.02'	DEP (E)	587.98'	3.97'	N/A					
TW 3	UNNAMED ROAD	580.23'	DEP (U)	622.44'	42.21'	N/A					
TW 4	UNNAMED ROAD	581.82'	DEP (U)	618.88'	37.06'	N/A					
TW 5	UNNAMED ROAD	579.76'	DEP (E)	616.22'	36.46'	N/A					
TW 6	UNNAMED ROAD	583.43'	DEP (E)	605.96'	22.53'	N/A					
TW 7	UNNAMED ROAD	585.24'	DEP (E)	599.57'	14.33'	N/A					
TW 8	UNNAMED ROAD	586.55'	DEP (U)	599.79'	13.24'	N/A					

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Project Engineer JOB NO.: 14181110 TITILE: AIRPORT SPONSOR'S REPRESENTATIVE DATE: DEC. 2020 2/23/2021 DESIGNED BY: NRP DRAWN BY: DLM TxDOT APPROVAL BLOCK BAR IS ONE INCH ON ORIGINAL DRAWING Director, Aviation Division F NOT ONE INCH ON THIS SHEET, ADJUST SCALES ACCORDINGLY. 2/22/2021 SHEET NUMBER

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DEP	LEGEND	
FEATURE	EXISTING	ULTIMATE
RUNWAY/TAXIWAY OUTLINE		
RUNWAY/TAXIWAY TO BE REMOVED		
BUILDINGS/FACILITIES		
AIRPORT PROPERTY LINE		——·—₽(U) —·-
AIRPORT PROPERTY LINE W/FENCE	* · · * P · · · *	—×
DEPARTURE SURFACE	——— DEP ———	——— DEP (U) ——
RUNWAY SAFETY AREA		
RUNWAY OBJECT FREE AREA		
OBJECT FREE ZONE		
FENCE LINE	xx	—xuxuxu
THRESHOLD LIGHTS	••••	0000 00
RW END IDENTIFIER LIGHTS (REILS)	*	*
GROUND CONTOURS	1620	
SIGNIFICANT OBJECT PLAN VIEW	0	
SIGNIFICANT OBJECT PROFILE VIEW	T	
TREES/BRUSH	77	

DEP I	LEGEND	
FEATURE	EXISTING	ULTIMATE
RUNWAY/TAXIWAY OUTLINE		
RUNWAY/TAXIWAY TO BE REMOVED		
BUILDINGS/FACILITIES		
AIRPORT PROPERTY LINE		
AIRPORT PROPERTY LINE w/FENCE	<del>* · * P · * · *</del>	—×·—₽(U) —·—×
DEPARTURE SURFACE	———— DEP ————	——— DEP (U) ———
RUNWAY SAFETY AREA		
RUNWAY OBJECT FREE AREA		
OBJECT FREE ZONE		
FENCE LINE	—	—xuxuxu
THRESHOLD LIGHTS	••••	0000 0000
RW END IDENTIFIER LIGHTS (REILS)	*	*
GROUND CONTOURS		
SIGNIFICANT OBJECT PLAN VIEW	0	
SIGNIFICANT OBJECT PROFILE VIEW	T	
TREES/BRUSH	$\Box$	

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		050																		
800		100	d3(		40															+ 80
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						dag TV	E SURFAC	E(E)												
700																		(E/U)		+ 70
											- DEP _		- d∃a					AY 13		
		EXISTING SURFACE	PLEX EARTH	4						TW 4	) <sub>TW</sub>	V 3 —			DEP TW 1		– TW 2	3UNW.		
600																\ TOTAL		P ELE		<u> </u>
							EXIS	STING SUR	VEYED			FIN	M 110							
550 +							308	TACE		-			-	+	-		All	di Olti Dilive		+ 55
100+00	.00	90+00.00	80+0	0.00	70+00.00	60+	00.00	50+0	0.00	40+0	0.00	30+00	0.00	20+0	0.00	10+0	0.00	0+00.00	0 -10·	+00.00
	800 <b>-</b> 700 <b>-</b> 600 <b>-</b> 550 <b>-</b>	700	800	700 EXISTING PLEX EARTH SURFACE  100+00.00 90+00.00 80+0	800  700  EXISTING PLEX EARTH SURFACE  600  550  100+00.00 90+00.00 80+00.00	800  EXISTING PLEX EARTH SURFACE  100+00.00  90+00.00  80+00.00  70+00.00	800	800  EXISTING PLEX EARTH SURFACE  100+00.00  90+00.00  80+00.00  70+00.00  60+00.00	800	800  EXISTING PLEX EARTH SURFACE  EXISTING SURVEYED SURFACE  100+00.00  90+00.00  80+00.00  70+00.00  60+00.00  50+00.00	800	800	800	800	800	800	800	800	800	800  REPUTE SURFACE  TW 4  TW 3  EXISTING PLEX EARTH SURFACE  TW 4  TW 3  EXISTING SURVEYED SURFACE  TO HOUGH ON TO HOUGH OF HOUG

590.000

RUNWAY 13 END (E/U) EL. = 594.8'

AIRPORT DR -

640.000

DEPARTURE SURFACE (E/U) 1,000' x 10,200' x 6,466'

590.000

	RU	JNWAY 31 (	<b>DBSTRUCTI</b>	ON TABLE									
<b>OBJECTS PENETRATING DEPART</b>	DBJECTS PENETRATING DEPARTURE SURFACES												
NO.	DESCRIPTION	TOP ELEVATION	SURFACE	SURFACE ELEVATION	PENETRATION IN FEET	DISPOSITION							
POLE 1	POLE	596.37'	DEP (U)	592.17'	4.20'	REGRADE							
OBJECTS CLEAR OF DEPARTURE SURFACES													
NO.	DESCRIPTION	TOP ELEVATION	SURFACE	SURFACE ELEVATION	CLEARANCE IN FEET	DISPOSITION							
TW 1	STATE HIGHWAY 21	613.56'	DEP (E)	626.97'	13.41'	N/A							
TW 2	STATE HIGHWAY 21	614.43'	DEP (E)	621.18'	6.75'	N/A							
TW 3	FM 110	614.83'	DEP (E)	672.95'	58.12'	N/A							
TW 4	FM 110	634.90'	DEP (E)	692.78'	57.88'	N/A							
ALL CLE	ARANCES HAVE BEEN	ADJUSTED FOR HE	IGHT OF NATURA	L OBJECTS, AND 10' FOR	PRIVATE ROADS,								

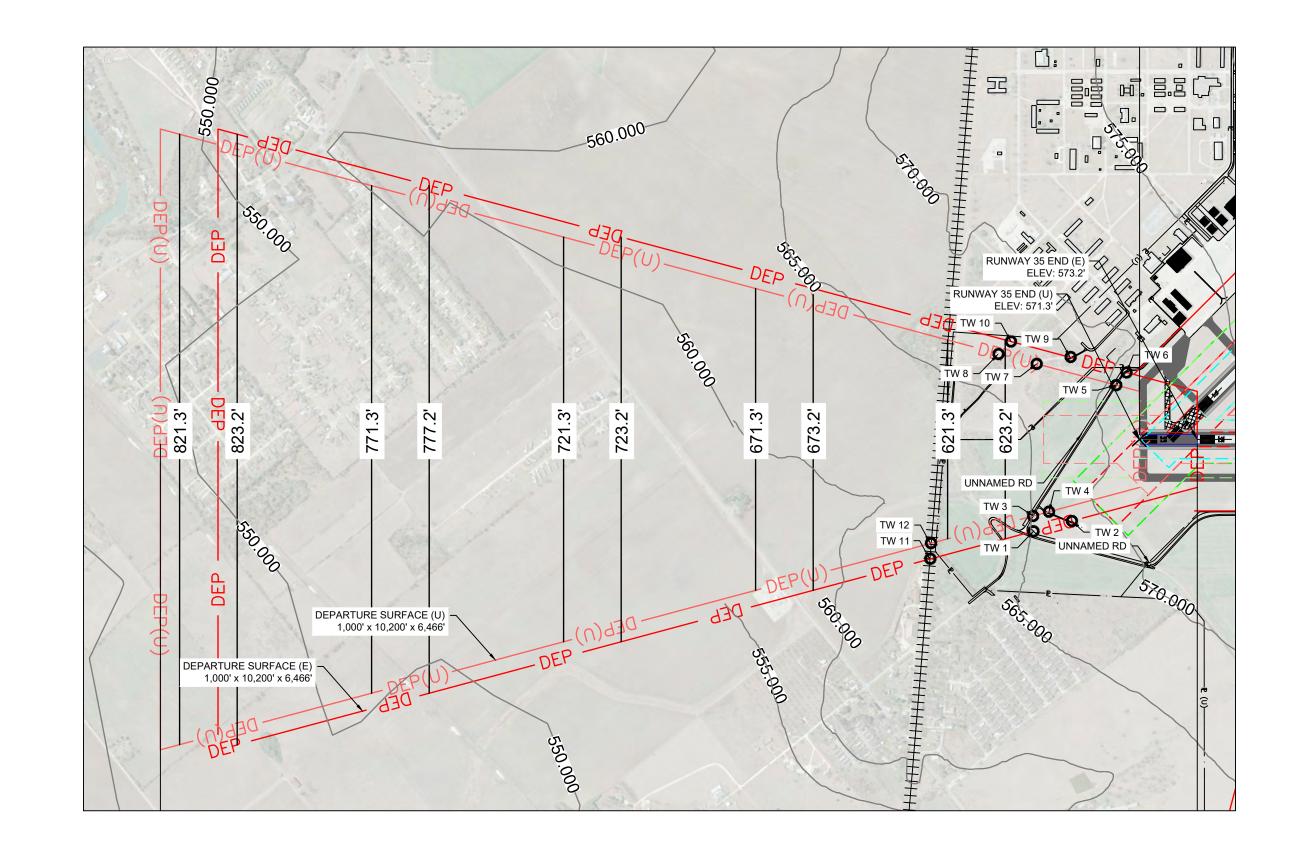
15' FOR PUBLIC ROADS, 17' FOR INTERSTATE HIGHWAYS, AND 23' FOR RAILROADS.

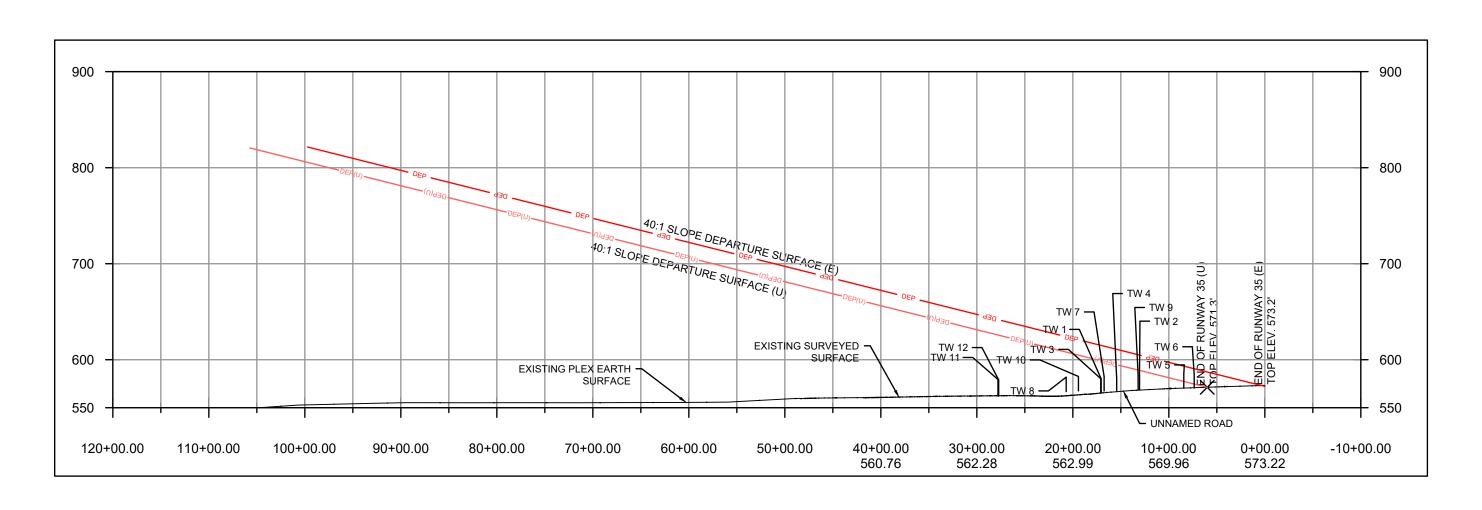
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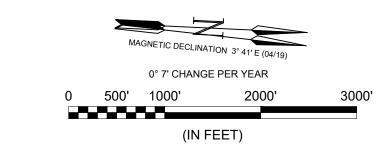
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DEP	LEGEND	
FEATURE	EXISTING	ULTIMATE
RUNWAY/TAXIWAY OUTLINE		
RUNWAY/TAXIWAY TO BE REMOVED		1
BUILDINGS/FACILITIES		
AIRPORT PROPERTY LINE		— · — ℝ (U) — · —
AIRPORT PROPERTY LINE w/FENCE	<del>*</del>	* — * · — ₽ (U) — · — *
DEPARTURE SURFACE	DEP	— DEP (U) ——
RUNWAY SAFETY AREA		
RUNWAY OBJECT FREE AREA		
OBJECT FREE ZONE		
FENCE LINE	xxx	xuxuxu
THRESHOLD LIGHTS	••••	• 0000 0000
RW END IDENTIFIER LIGHTS (REILS)	*	**
GROUND CONTOURS		-
SIGNIFICANT OBJECT PLAN VIEW	0	
SIGNIFICANT OBJECT PROFILE VIEW	Т	
TREES/BRUSH	77	

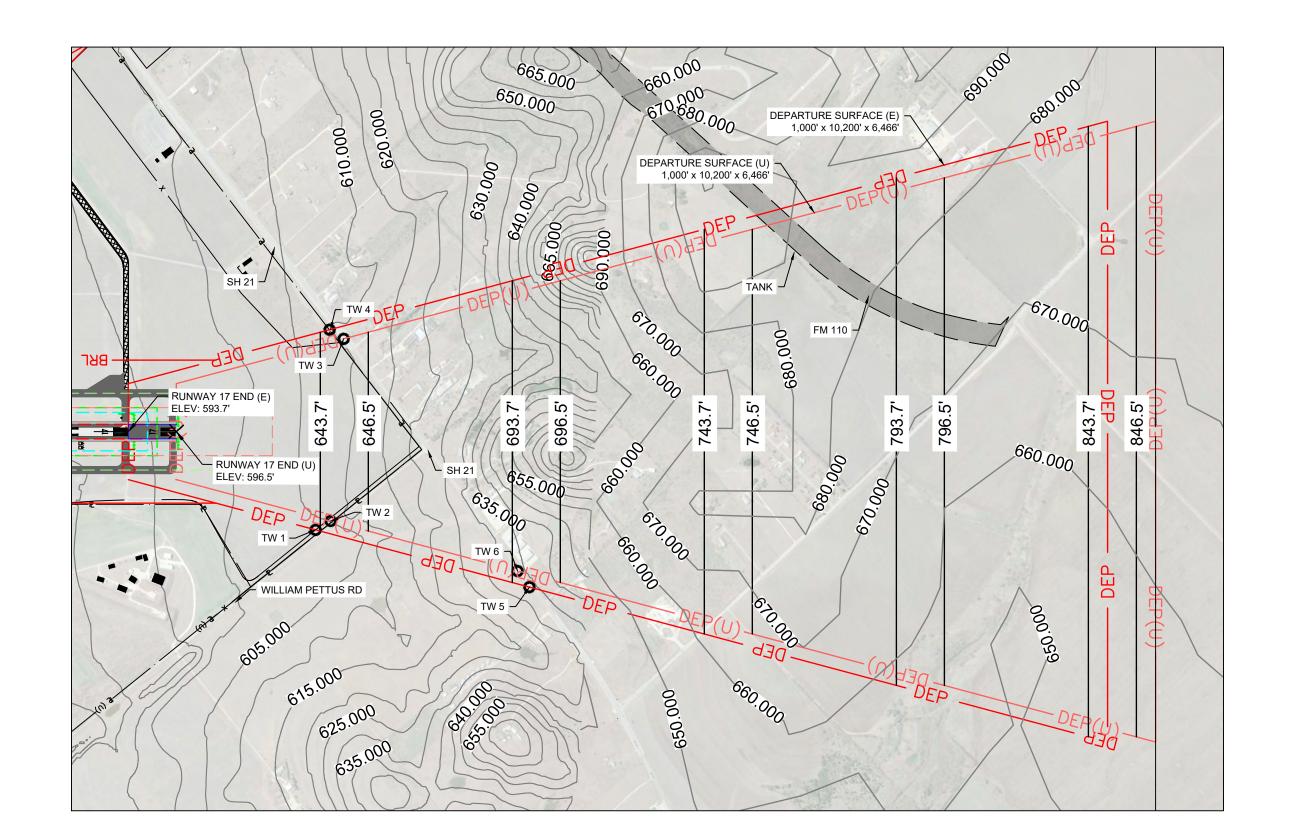
	RU	<b>JNWAY 17 (</b>	<b>DBSTRUCTI</b>	ON TABLE							
BJECTS PENETRATING DEP	PARTURE SURFACES										
NO.	DESCRIPTION	TOP ELEVATION	SURFACE	SURFACE ELEVATION	PENETRATION IN FEET	DISPOSITION					
TW 5	UNNAMED ROAD	585.36'	DEP (U)	577.40'	7.96'	REGRADE					
BJECTS CLEAR OF DEPARTURE SURFACES											
NO.	DESCRIPTION	TOP ELEVATION	SURFACE	SURFACE ELEVATION	CLEARANCE IN FEET	DISPOSITION					
TW 1	UNNAMED ROAD	580.27'	DEP (E)	615.83'	35.56'	N/A					
TW 2	UNNAMED ROAD	583.44'	DEP (E)	605.83'	22.39'	N/A					
TW 3	UNNAMED ROAD	580.22'	DEP (U)	599.04'	18.82'	N/A					
TW 4	UNNAMED ROAD	581.89'	DEP (U)	594.89'	13.00'	N/A					
TW 6	UNNAMED ROAD	585.53'	DEP (E)	590.71'	5.18'	N/A					
TW 7	UNNAMED ROAD	582.54'	DEP (U)	599.15'	16.61'	N/A					
TW 8	UNNAMED ROAD	581.77'	DEP (U)	609.20'	27.43'	N/A					
TW 9	UNNAMED ROAD	583.73'	DEP (E)	606.31'	22.58'	N/A					
TW 10	UNNAMED ROAD	582.60'	DEP (E)	621.75'	39.15'	N/A					
TW 11	UNNAMED ROAD	585.41'	DEP (E)	642.70'	57.29'	N/A					
TW 12	UNNAMED ROAD	585.41'	DEP (U)	626.61'	41.20'	N/A					
ALL	CLEARANCES HAVE BEEN	ADJUSTED FOR HE	IGHT OF NATURA	L OBJECTS, AND 10' FOR	PRIVATE ROADS,						
	15' FOR PUBLIC F	ROADS, 17' FOR INT	ERSTATE HIGHWA	AYS, AND 23' FOR RAILRO	ADS.						

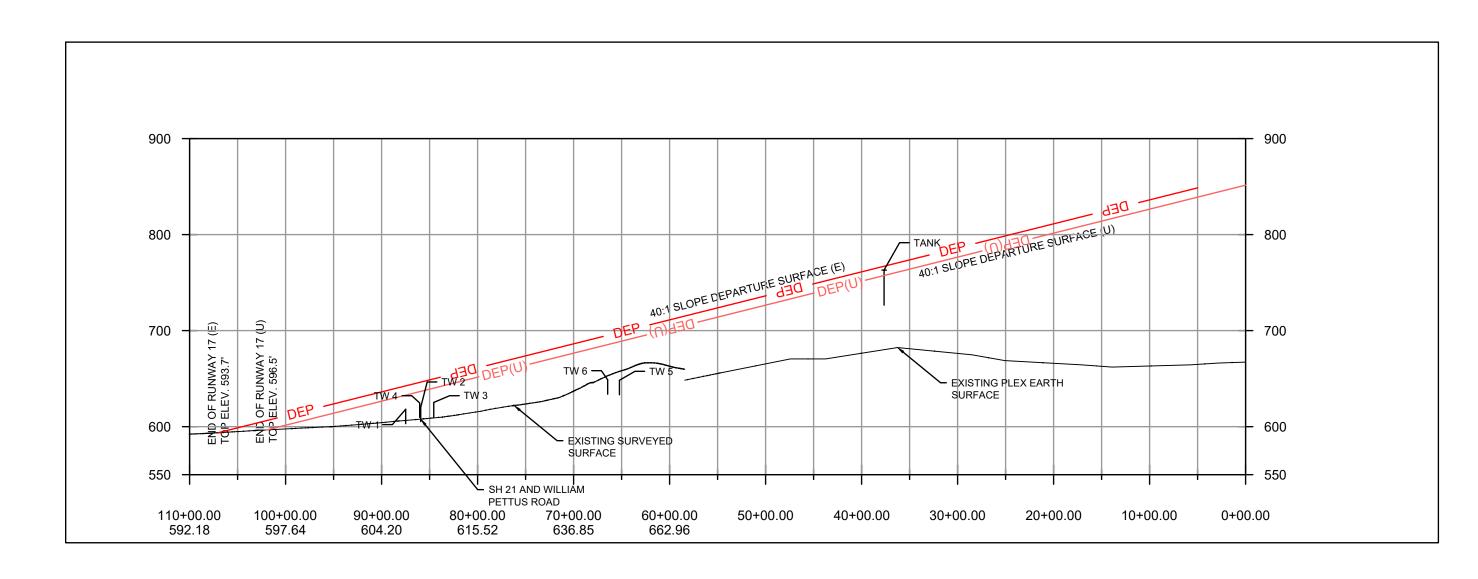
THE PREPARATION OF THESE DOCUMENTS WAS FINANCED IN PART THROUGH A PLANNING GRANT FROM THE FEDERAL AVIATION ADMINISTRATION AS PROVIDED UNDER SECTION 505 OF THE AIRPORT ADMINISTRATION AS PROVIDED UNDER SECTION 505 OF THE AIRPORT AND AIRWAY IMPROVEMENT ACT OF 1982, AS AMENDED. THE CONTENTS DO NOT NECESSARILY REFLECT THE OFFICIAL VIEWS OR POLICY OF THE FAA. ACCEPTANCE OF THESE DOCUMENTS BY THE FAA DOES NOT IN ANY WAY CONSTITUTE A COMMITMENT ON THE PART OF THE UNITED STATES TO PARTICIPATE IN ANY DEVELOPMENT DEPICTED HEREIN NOR DOES IT INDICATE THAT THE PROPOSED DEVELOPMENT IS ENVIRONMENTALLY ACCEPTABLE IN ACCORDANCE WITH APPROPRIATE PUBLIC LAWS. DEPARTURE SURFACE -**RUNWAY 17** AIRPORT SPONSOR BLOCK CURRENT AND FUTURE DEVELOPMENT DEPICTED ON THIS ALP IS APPROVED AND SUPPORTED BY AIRPORT SPONSOR

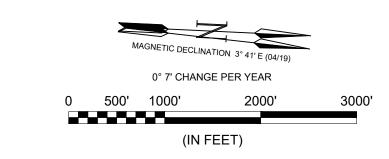
Project Engineer JOB NO.: 14181110 TITILE, AIRPOINT SPONSOR'S REPRESENTATIVE 2/23/2021 DATE: DEC. 2020 DESIGNED BY: NRP DRAWN BY: DLM TxDOT APPROVAL BLOCK BAR IS ONE INCH ON ORIGINAL DRAWING Director, Aviation Division F NOT ONE INCH ON THIS SHEET, ADJUST SCALES ACCORDINGLY. 2/22/2021 SHEET NUMBER

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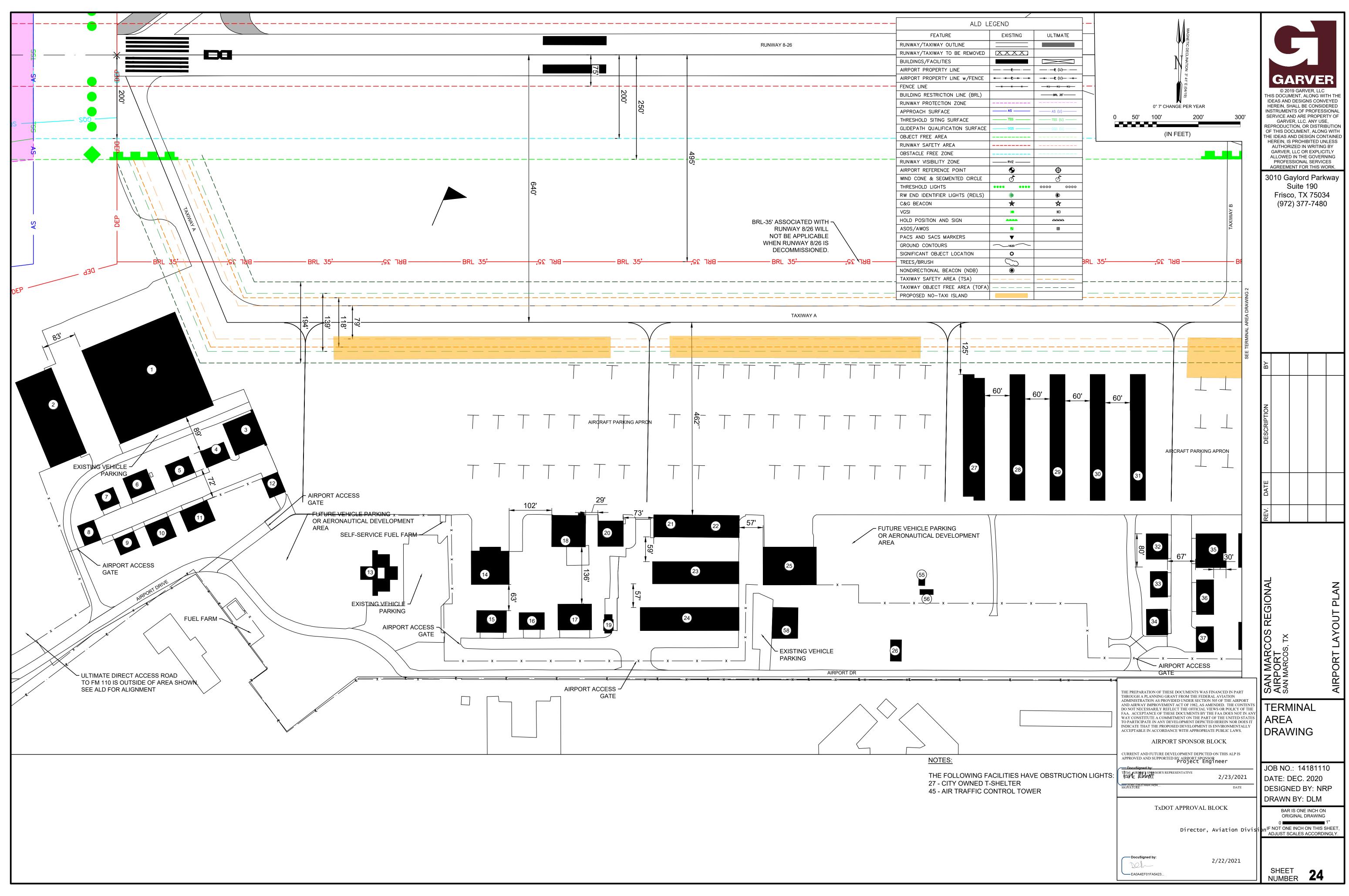
DEP LEGEND								
FEATURE	EXISTING	ULTIMATE						
RUNWAY/TAXIWAY OUTLINE								
RUNWAY/TAXIWAY TO BE REMOVED								
BUILDINGS/FACILITIES								
AIRPORT PROPERTY LINE								
AIRPORT PROPERTY LINE w/FENCE	*·**	—————————————————————————————————————						
DEPARTURE SURFACE	——— DEP ———	——— DEP (U) ———						
RUNWAY SAFETY AREA								
RUNWAY OBJECT FREE AREA								
OBJECT FREE ZONE								
FENCE LINE	—	xuxuxu						
THRESHOLD LIGHTS	••••	0000 000						
RW END IDENTIFIER LIGHTS (REILS)	*	**						
GROUND CONTOURS	1620							
SIGNIFICANT OBJECT PLAN VIEW	0							
SIGNIFICANT OBJECT PROFILE VIEW	T							
TREES/BRUSH	77							

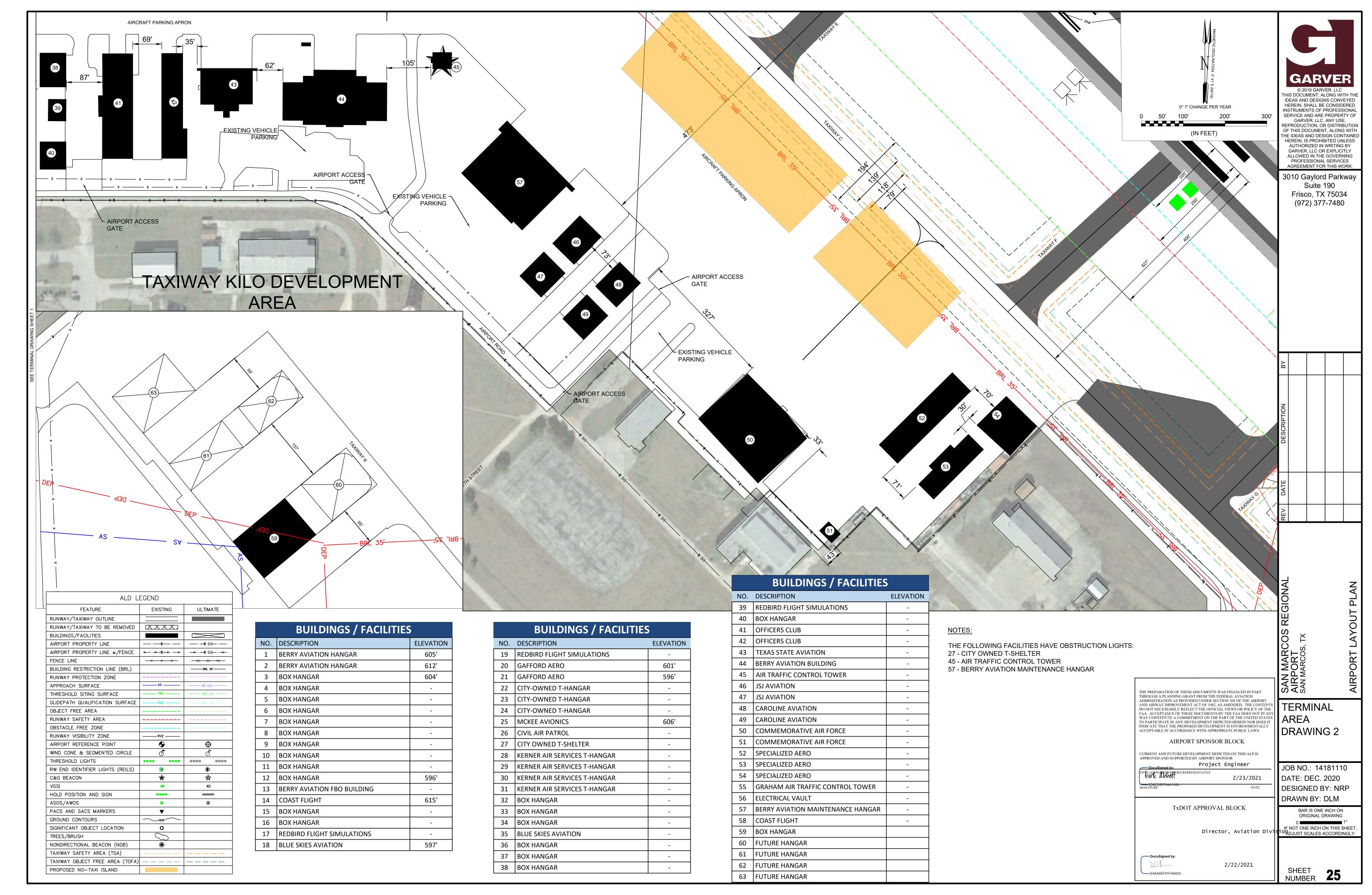
RUNWAY 35 OBSTRUCTION TABLE								
TS PENETRATING DE	DESCRIPTION	TOP ELEVATION	SURFACE	SURFACE ELEVATION	PENETRATION IN FEET	DISPOSITION		
TANK	TANK	763.00'	DEP (U)	757.39'	5.61'	REMOVE		
TS CLEAR OF DEPAR	TURE SURFACES							
NO.	DESCRIPTION	TOP ELEVATION	SURFACE	SURFACE ELEVATION	CLEARANCE IN FEET	DISPOSITION		
TW 1	WILLIAM PETTUS ROAD	618.14'	DEP (E)	642.48'	24.34'	N/A		
TW 2	WILLIAM PETTUS ROAD	620.23'	DEP (U)	649.19'	28.96'	N/A		
TW 3	STATE HIGHWAY 21	625.21'	DEP (U)	658.00'	32.79'	N/A		
TW 4	STATE HIGHWAY 21	624.64'	DEP (E)	646.13'	21.49'	N/A		
TW 5	STATE HIGHWAY 21	648.24'	DEP (E)	698.15'	49.91'	N/A		
TW 6	STATE HIGHWAY 21	648.75'	DEP (U)	697.88'	49.13'	N/A		

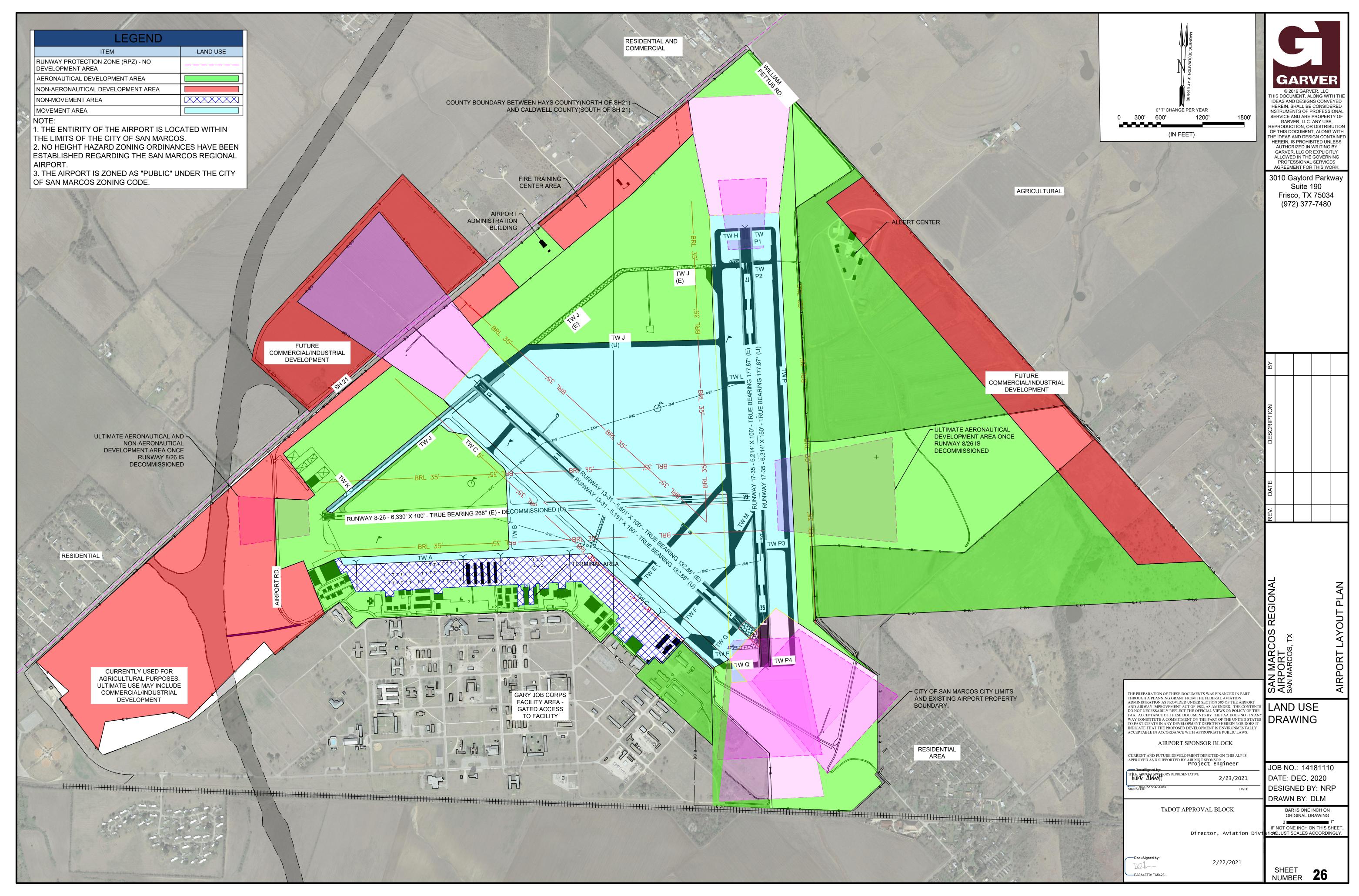
SAN MARCOS REGIONAL AIRPORT SAN MARCOS, TX THE PREPARATION OF THESE DOCUMENTS WAS FINANCED IN PART THE PREPARATION OF THESE DOCUMENTS WAS FINANCED IN PART THROUGH A PLANNING GRANT FROM THE FEDERAL AVIATION ADMINISTRATION AS PROVIDED UNDER SECTION 505 OF THE AIRPORT AND AIRWAY IMPROVEMENT ACT OF 1982, AS AMENDED. THE CONTENTS DO NOT NECESSARILY REFLECT THE OFFICIAL VIEWS OR POLICY OF THE FAA. ACCEPTANCE OF THESE DOCUMENTS BY THE FAA DOES NOT IN ANY WAY CONSTITUTE A COMMITMENT ON THE PART OF THE UNITED STATES TO PARTICIPATE IN ANY DEVELOPMENT DEPICTED HEREIN NOR DOES IT INDICATE THAT THE PROPOSED DEVELOPMENT IS ENVIRONMENTALLY ACCEPTABLE IN ACCORDANCE WITH APPROPRIATE PUBLIC LAWS. DEPARTURE SURFACE -**RUNWAY 35** AIRPORT SPONSOR BLOCK CURRENT AND FUTURE DEVELOPMENT DEPICTED ON THIS ALP IS APPROVED AND SUPPORTED BY AIRPORT SPONSOR Project Engineer JOB NO.: 14181110 TITLE, AIRPORT SPONSOR'S REPRESENTATIVE DATE: DEC. 2020 2/23/2021 DESIGNED BY: NRP DRAWN BY: DLM TxDOT APPROVAL BLOCK BAR IS ONE INCH ON ORIGINAL DRAWING Director, Aviation Division F NOT ONE INCH ON THIS SHEET, ADJUST SCALES ACCORDINGLY. 2/22/2021 SHEET **23** NUMBER

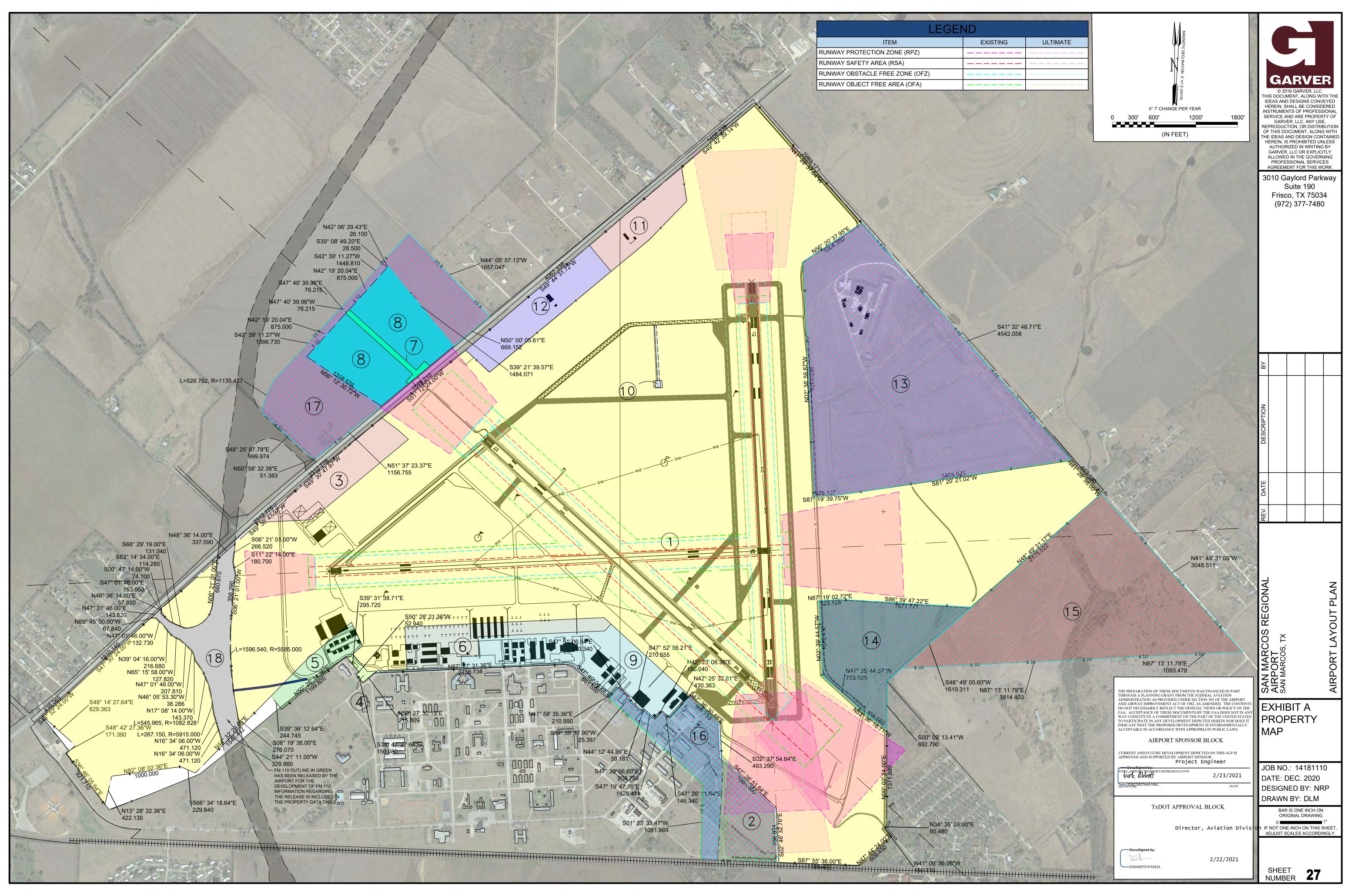
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RACT/PARCEL	GRANTOR	GRANTEE	INTEREST TYPE	ACREAGE	CONVEYANCE INSTRUMENT	DATE ACQUIRED	RECORD	USE/PURPOSE
1	USA	City of San Marcos	Fee Simple	1,303.055	Deed	2/14/1966	313/463	Original airport parcel
2*	USA	City of San Marcos	Easement	21.350	Easement	2/14/1966	313/63	Clear zone easement
3	USA	City of San Marcos	Fee Simple	22.350	Deed	1/27/1970	335/523	Amend #1 to Deed w/o Warranty
4	USA	City of San Marcos	Fee Simple	1.203	Deed	10/22/1975	372/217	Amend #2 to Deed w/o Warranty
5	USA	City of San Marcos	Fee Simple	11.050	Deed	2/26/1976	376/257	Amend #3 to Deed w/o Warranty
6	USA	City of San Marcos	Fee Simple	20.751	Deed	2/26/1976	376/257	Amend #3 to Deed w/o Warranty
7	Maude T. Patterson Trust	City of San Marcos	Fee Simple	2.923	Resolution	3/5/1984	Res 1984-014	ILS Light Lane
8	Maude T. Patterson Trust	City of San Marcos	Easement	45.762	Resolution	3/5/1984	Res 1984-014	Rwy 13 clear zone easement
9	US DOL	City of San Marcos	Fee Simple	42.472	Deed	12/19/1990	77/628	Ramp
10	City of San Marcos	USA	Lease	0.780	Resolution	9/25/2000	Res 2000-168	RTR and access road
11	Texas State University	City of San Marcos	Deed	17.290	Deed	8/28/2013	NO. 134724	Management offices
12	Texas State University	City of San Marcos	Deed	25.000	Deed	8/28/2013	NO. 134724	Management offices
13**	USA	City of San Marcos	Fee Simple	196.959	Future Aqusition	Future Acquisition	See GSA Transfer Document (Attached)	Future Property Aquistion for Developmen
14**	USA	City of San Marcos	Fee Simple	47.951	Future Aqusition	Future Acquisition	See GSA Transfer Document (Attached)	Future Property Aquistion for Developmen
15**	Walton Texas LP	City of San Marcos	Fee Simple	133.411	Future Aqusition	Future Acquisition	NO. 124324	Future Property Aquistion for Development
16**	USA	City of San Marcos	Fee Simple	26.492	Future Aqusition	Future Acquisition	See GSA Transfer Document (Attached)	Future Property Aquistion for Developmen
17**	Spooner John H Etal	City of San Marcos	Fee Simple	56.884	Future Aqusition	Future Acquisition	965/376	Future Property Aquistion for Developmen
perty eased								
RACT/PARCEL	GRANTOR	GRANTEE	INTEREST TYPE	ACREAGE	CONVEYANCE INSTRUMENT	DATE OF RELEASE AND DATE OF DISPOSAL	RECORD	USE/PURPOSE
18	City of San Marcos	Hays County	Fee Simple	29.160	Deed	2/2/2020(Released) and Expected to Be Disposed of in March 2021	TBD	This property is being conveyed by the City San Marcos to Hays County for the developm of FM 110. The federal land release for the property was approved by the FAA on 2/2/2 The property is expected to be conveyed (disposed) to Hays County in March 2021. T City of San Marcos will maintain an access easement through the released property. T conveyance documents will be attached to t Exhibit A once complete.

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3010 Gaylord Parkway Suite 190 Frisco, TX 75034 (972) 377-7480

REV. DATE DESCRIPTION	ВУ		
	DESCRIPTION		
REV.			
	REV.		

EXHIBIT A PROPERTY

TABLE

JOB NO.: 14181110 DATE: DEC. 2020 DESIGNED BY: NRP DRAWN BY: DLM

BAR IS ONE INCH ON ORIGINAL DRAWING 0 1"

IF NOT ONE INCH ON THIS SHEET,

ADJUST SCALES ACCORDINGLY.